56790-5.1-u

Higher Education Library Statistics

1984-85

Pennsylvania Department of Education

Higher Education Library Statistics

1984-85

Commonwealth of Pennsylvania
    Robert P. Casey, Governor

Department of Education
    Thomas K. Gilhool, Acting Secretary

Bureau of Information Systems
    Bruce Cowling, Director

Division of Data Services
    Roger G. Hummel, Chief
    Compiled by: Donald D. Deitz, Educational Statistics Associate

February 1987

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

The Pennsylvania Department of Education, an equal opportunity employer, will not discriminate in employment, educational programs or activities, based on race, color, religion, national origin, sex, age, ancestry, physical handicap or union membership. This policy of nondiscrimination extends to all other legally protected classifications. Publication of this policy in this document is in accordance with state and federal laws including Title IX of the Education Amendments of 1972 and Sections 503 and 504 of the Rehabilitation Act of 1973. Inquiries should be directed to Susan Mitchell, Affirmative Action Officer, 503/504 Coordinator, Education Building, 333 Market Street, Harrisburg, PA 17126-0333

HIGHLIGHTS

The 1984-85 data for libraries at institutions of higher education indicates that:

- The number of volumes of print materials held at the end of the year went from 30,537,432 in 1981-82 to 33,012,223 in 1984-85. This represents an increase of 8.1 percent.

- The number of serial subscriptions went from 221,169 in 1981-82 to 245,821 in 1984-85. This represents an increase of 11.1 percent.

- For the ten year period from 1975-76 to 1984-85, library operating expenditures went from $61,137,164 to $116,241,967 respectively. This represents an increase of 90.1 percent.

- Library operating expenditures went from $94,304,436 in 1981-82 to $116,241,967 in 1984-85. This represents an increase of 23.3 percent.

- Salaries and fringe benefits went from $54,998,051 in 1981-82 to $67,486,239 in 1984-85. This represents an increase of 22.7 percent.

TABLE OF CONTENTS

Page

INTRODUCTION 1

APPENDIX A - GLOSSARY 26

APPENDIX B - NONRESPONDING INSTITUTIONS 27

TABLES

Table Page

1. Volumes in Library Collections and Serial Subscriptions for Selected Years. 2

2. Library Operating Expenditures for Selected Years 4

3. Library Collections by Type of Holding and Serial Subscriptions by Institution, 1984-85 6

3A. Library Collections by Type of Holding by Institution, 1984-85 14

4. Library Operating Expenditures by Type of Expenditure by Institutional Category, 1984-85. 22

5. Selected Special Expenditures by Institutional Category, 1984-85 24

6. Library Staff by Institutional Category, Fall 1985 25

FIGURES

Figure Page

1. Additions to and Total Volumes of Print Materials for Selected Years 3

2. Library Operating Expenditures, 1975-76 and 1984-85. 5

INTRODUCTION

"Higher Education Library Statistics, 1984-85" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (phone 717-787-2644).

Source: College and University Libraries, Fall 1985 (ED 2300-5)

TABLE 1

VOLUMES IN LIBRARY COLLECTIONS AND SERIAL SUBSCRIPTIONS FOR SELECTED YEARS 1/

Year	Print Material Volumes	Government Document Collection Volumes 2/	Serial Subscriptions 3/
1968-69	18 420 806	N/A	130 872
1969-70	19 819 180	N/A	154 644
1970-71	20 818 795	1 620 132	178 252
1972-73	22 815 949	N/A	197 892
1974-75	24 795 412	3 256 623	230 157
1975-76	26 160 037	3 097 242	238 348
1976-77	26 932 894	3 374 806	228 641
1978-79	28 789 534	4 187 624	221 805
1981-82	30 537 432	4 403 188	221 169
1984-85	33 012 223	1 930 960	245 821

1/ Surveys were conducted only for those periods listed on the table.
2/ 1984-85 survey requested Number of Government Document TITLES.
3/ 1984-85 survey requested SERIAL SUBSCRIPTIONS. Previous surveys requested PERIODICALS. See definition.

From 1968-69 to 1984-85, the number of volumes of print materials (book stock) held at the end of the year increased by 79.2 percent. However, from 1981-82 to 1984-85 the increase was 2,474,791 volumes or 8.1 percent.

FIGURE 1
ADDITIONS TO AND TOTAL VOLUMES OF
PRINT MATERIALS FOR SELECTED YEARS

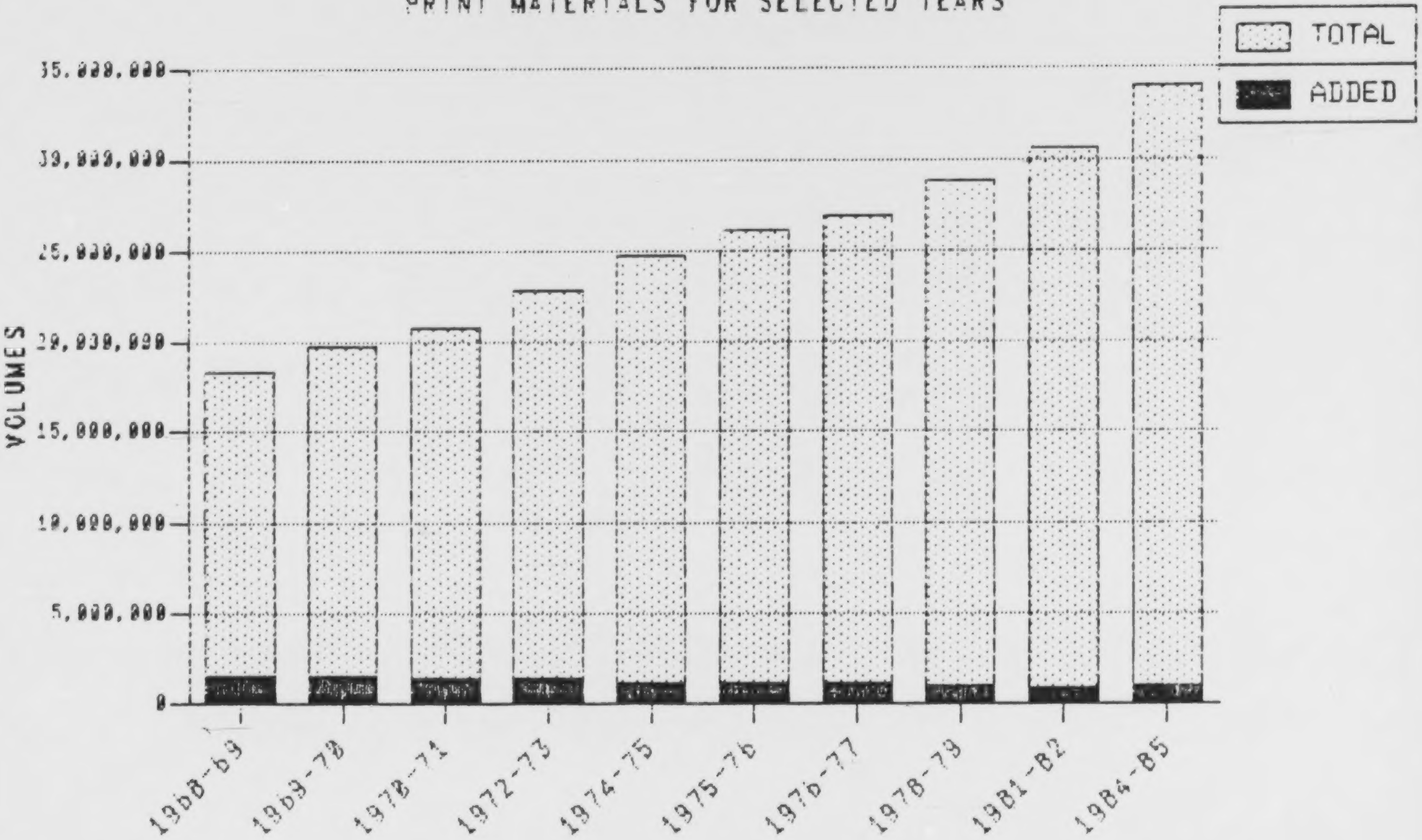


TABLE 2

LIBRARY OPERATING EXPENDITURES FOR SELECTED YEARS 1/
(In Thousands of Dollars)

Year	Total	Salaries and Fringe Benefits of Staff 5/	Print Materials 2/	Serial Subscriptions 2/3/	All Other 4/
1968-69	$ 33 836	$ 15 459	$ 13 081	$ _	$ 5 296
1969-70	38 393	17 686	14 537	_	6 170
1970-71	41 399	20 084	14 227	_	7 088
1972-73	48 051	24 643	10 808	4 556	8 044
1974-75	55 107	31 387	8 554	6 132	9 034
1975-76	61 137	34 677	10 087	6 531	9 842
1976-77	64 471	37 003	10 048	7 208	10 212
1978-79	71 805	42 536	9 166	9 023	11 080
1981-82	94 304	54 998	11 648	12 181	15 477
1984-85	116 242	67 486	15 435	17 175	16 146

1/ Surveys were conducted only for those periods listed on the table.

2/ Expenditures for books and periodicals were reported as a single item for 1968-69, 1969-70, and 1970-71 and are listed under print materials.

3/ Previous surveys reported PERIODICALS, the 1984-85 survey requested SERIAL SUBSCRIPTIONS. See definition.

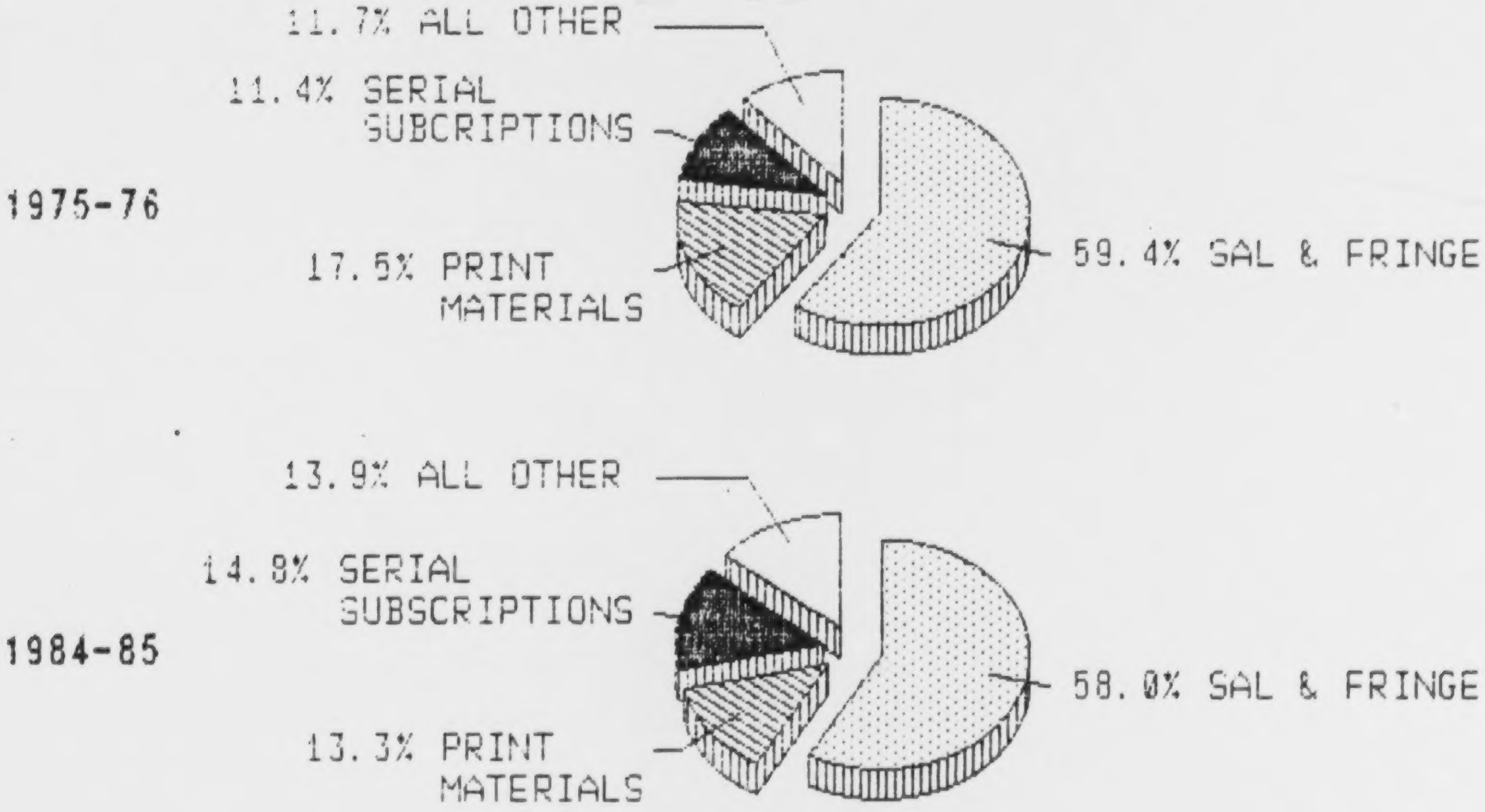
4/ For the years 1968-69 through 1981-82, ALL OTHER also included STUDENT WAGES. The 1984-85 survey did not request STUDENT WAGE data.

5/ For tne years 1968-69 through 1981-82, salaries for contributed service staff are included. The 1984-85 survey did not request this data.

Library operating expenditures went from $61,137,164 in 1975-76 to 116,241,967 in 1984-85, an increase of 90.1 percent. Over this ten-year period the percent of increase by expenditure was 94.6 for salaries and fringe benefits of staff; 53.0 for print materials; 163.0 for serial subscriptions; and 64.1 for all other.

As a percent of the total, salaries and fringe benefits of staff consumed the majority of library operating expenditures (see Figure 2). For the 1975-76 through 1984-85 period, the peak year reported for salaries and fringe benefits was 1978-79 at 59.2 percent of the total; 1975-76 for print materials at 16.5 percent; 1984-85 for serial subscriptions at 14.8 percent; and 1981-82 for all other at 16.4 percent.

FIGURE 2
LIBRARY OPERATING EXPENDITURES, 1975-76 AND 1984-85



For comparative purposes, Student Wages and Contributed Services Staff Salaries are not included on this figure.

TABLE 3

LIBRARY COLLECTIONS BY TYPE OF HOLDING AND SERIAL SUBSCRIPTIONS BY INSTITUTION, 1984-85

	Print Materials		Government Documents	Serial Subscriptions		Microforms			
	Volumes Added During the Year	Volumes Held at End of Year	Number of Titles Held	Titles Added During the Year	Titles Held at End of Year	Book Titles	Serial Titles	Government Document Titles	Total Number of Physical Units
TOTAL, ALL INSTITUTIONS (213)	1 020 899	33 012 223	1 930 960	13 648	245 821	2 764 161	693 883	735 987	26 587 351
STATE UNIVERSITIES (14)	132 285	5 101 670	484 553	1 037	26 359	522 724	254 684	90 079	12 506 256
Bloomsburg University	5 823	301 951	6 054	22	1 538	-	-	-	1 352 403
California University	9 756	255 708	1 572	231	1 404	308 999	-	-	1 105 286
Cheyney University	11 924	217 902	40 491	27	993	20 046	244 084	43 099	311 123
Clarion University -- Total	8 703	380 863	-	-	1 581	-	73	-	1 015 784
Main Campus	8 050	353 568	-	-	1 400	-	-	-	1 011 586
Venango Campus	653	27 295	-	-	181	-	73	-	4 198
East Stroudsburg University	5 746	343 493	-	-	150	-	-	-	930 351
Edinboro University	6 050	369 595	19 527	266	1 885	62 152	220	-	1 102 831
Indiana University	13 614	561 330	150 000	40	4 569	67 982	6 556	-	1 740 178
Kutztown University	10 223	343 879	15 633	43	2 023	-	-	-	934 905
Lock Haven University	4 386	316 537	-	10	1 352	1 200	348	-	365 366
Mansfield University	2 967	190 175	7 590	40	2 174	-	-	-	823 059
Millersville University	14 491	426 591	-	98	2 798	448	627	8 209	236 214
Shippensburg University	11 990	396 796	59 777	95	1 781	2 000	2 405	100	1 144 263
Slippery Rock University	15 792	570 029	-	15	1 511	-	-	-	839 455
West Chester University	10 820	426 821	183 909	150	2 600	59 897	371	38 671	605 038
STATE RELATED COMMONWEALTH UNIVERSITIES (4)	252 883	7 670 168	458 397	3 621	70 476	1 655 495	20 937	373	5 661 607
Lincoln University	2 470	153 449	16 000	53	720	268	146	-	29 989
Pennsylvania State University -- Total	100 753	2 829 127	13 557	1 905	30 974	436 404	2	-	2 568 854
Main Campus	70 099	1 927 917	-	1 170	22 144	-	-	-	1 657 542
Allentown Campus	621	28 573	253	57	196	-	-	-	2 954
Altoona Campus	823	44 759	437	-	271	-	-	-	11 937
Beaver Campus	993	33 542	-	117	274	-	-	-	4 087
Behrend College	2 090	61 417	869	13	708	-	-	-	35 458
Berks Campus	1 231	35 716	-	20	399	-	-	-	1 803
Capitol Campus	6 835	178 753	3 400	110	2 063	436 404	-	-	795 484
Delaware Campus	1 035	32 544	37	13	264	-	-	-	4 374
DuBois Campus	1 112	32 812	222	-	216	-	-	-	1 747
Fayette Campus	635	36 368	1	8	194	-	-	-	6 231
Hazleton Campus	3 708	45 045	1 178	31	431	-	-	-	6 168
Hershey Medical Center	2 143	94 347	-	137	1 589	-	2	-	2
King of Prussia Center for Graduate Studies	766	16 418	2 234	-	202	-	-	-	2 764
McKeesport Campus	622	30 010	210	25	243	-	-	-	4 436
Mont Alto Campus	993	30 925	1 061	-	264	-	-	-	5 065
New Kensington Campus	604	25 803	-	-	147	-	-	-	5 809
Ogontz Campus	1 012	48 908	236	13	337	-	-	-	5 920
Schuylkill Campus	800	26 836	20	42	207	-	-	-	6 184
Shenango Valley Campus	546	20 381	249	-	155	-	-	-	3 254

TABLE 3

LIBRARY COLLECTIONS BY TYPE OF HOLDING AND SERIAL SUBSCRIPTIONS BY INSTITUTION, 1984-85 -- Continued

	Print Materials		Government Documents	Serial Subscriptions		Microforms			
	Volumes Added During the Year	Volumes Held at End of Year	Number of Titles Held	Titles Added During the Year	Titles Held at End of Year	Book Titles	Serial Titles	Government Document Titles	Total Number of Physical Units
STATE-RELATED COMMONWEALTH UNIVERSITIES - Concluded									
Wilkes-Barre Campus	1 608	18 111	5	122	270	-	-	-	1 486
Worthington-Scranton Campus	1 370	36 537	1 124	-	192	-	-	-	3 141
York Campus	1 107	21 405	21	27	208	-	-	-	3 008
Temple University	54 269	1 843 651	105 700	626	15 027	318 768	15 244	-	1 173 181
University of Pittsburgh - Total	95 391	2 843 941	323 140	1 037	23 755	900 055	5 545	373	1 889 583
Main Campus	85 439	2 583 597	22 120	1 000	22 145	900 000	5 000	-	1 861 428
Bradford Campus	1 657	52 060	-	9	480	10	40	20	12 660
Greensburg Campus	2 296	60 076	735	24	225	-	158	268	6 516
Johnstown Campus	4 314	109 953	-	3	680	45	344	85	7 979
Titusville Campus	1 685	38 255	285	1	225	-	3	-	1 000
COMMUNITY COLLEGES (14)	37 182	1 012 962	44 056	218	8 429	22 063	9 767	277 476	506 187
Bucks County Community College	4 338	109 206	-	15	1 140	25	207	276 263	276 495
Butler County Community College	1 097	43 608	-	8	269	-	39	-	10 242
Community College of Allegheny County	6 160	199 242	-	45	1 851	13	2 495	-	24 992
Community College of Beaver County	1 445	46 346	-	5	312	-	17	-	1 246
Community College of Philadelphia	4 445	83 543	18	46	593	-	5 685	-	5 685
Delaware County Community College	1 350	63 616	6	-	486	22 010	147	-	29 943
Harrisburg Area Community College	2 379	87 035	-	33	468	-	201	-	29 751
Lehigh County Community College	1 159	43 156	-	-	368	-	101	-	36 663
Luzerne County Community College	903	53 545	-	6	470	-	243	-	15 116
Montgomery County Community College	2 559	86 835	-	1	484	-	140	1 213	28 953
Northampton County Area Community College	2 641	63 114	50	10	478	-	80	-	4 891
Reading Area Community College	525	19 388	44	6	267	-	54	-	1 087
Westmore and County Community College	7 331	74 403	43 938	35	703	15	247	-	39 467
Williamsport Area Community College	850	39 925	-	8	540	-	111	-	1 656

TABLE 3

LIBRARY COLLECTIONS BY TYPE OF HOLDING AND SERIAL SUBSCRIPTIONS BY INSTITUTION, 1984-85 -- Continued

	Print Materials		Government Documents	Serial Subscriptions		Microforms			
	Volumes Added During the Year	Volumes Held at End of Year	Number of Titles Held	Titles Added During the Year	Titles Held at End of Year	Book Titles	Serial Titles	Government Document Titles	Total Number of Physical Units
PRIVATE STATE-AIDED INSTITUTIONS (12)	146 728	4 394 707	137 435	520	46 252	3 389	2 352	36 840	2 346 587
Delaware Valley College of Science and Agriculture	1 931	63 793	6 363	25	762	3	95	-	19 180
Drexel University	20 612	563 700	27 247	103	8 463	1 181	908	36 840	539 955
Hahnemann University	4 439	84 359	-	30	1 099	-	29	-	29
Medical College of Pennsylvania	2 509	33 132	-	91	1 533	8	13	-	222
Pennsylvania College of Optometry	809	14 613	250	15	312	25	-	-	-
Pennsylvania College of Podiatric Medicine	567	17 006	400	21	237	-	233	233	233
Philadelphia College of Art	1 209	53 763	-	-	130	16	42	-	263
Philadelphia College of Osteopathic Medicine	2 600	52 783	-	78	670	112	-	-	112
Philadelphia College of Textiles and Science	915	79 531	-	25	1 428	300	874	-	-
Philadelphia College of the Performing Arts	500	17 603	-	10	62	-	-	-	-
Thomas Jefferson University	6 814	132 319	3 175	13	1 731	1 744	158	-	14 984
University of Pennsylvania	103 823	3 282 105	-	109	29 825	-	-	-	1 771 609
PRIVATE COLLEGES AND UNIVERSITIES (77)	391 312	13 188 753	806 184	6 872	86 431	550 638	404 171	330 919	5 460 302
Academy of the New Church	1 584	100 806	-	2	293	737	79	-	1 284
Albright College	4 100	143 614	1 437	25	1 025	1 597	5 533	-	7 360
Allegheny College	8 789	244 858	45 000	12	1 438	54	355	-	62 592
Allentown College of St. Francis de Sales	2 662	111 557	3 000	23	775	-	351	4	3 095
Alliance College	1 907	86 726	9 434	2	125	63	-	-	4 479
Alvernia College	1 200	70 000	700	40	480	3	1 415	210	2 108
American College	652	12 500	57	23	658	10	33	-	9 000
Antioch University									
Baptist Bible College and School of Theology	2 616	78 179	-	14	486	1 551	98	-	1 649
Beaver College	1 361	110 688	592	11	663	3 440	5 602	-	9 042
Bryn Mawr College	21 259	709 888	22 302	76	2 573	1 102	-	900	50 152
Bucknell University	17 741	452 955	39 890	133	2 341	10 152	471	-	226 495
Cabrini College	2 221	66 584	-	40	407	180	121	16	3 244
Carlow College	1 849	105 984	-	-	421	142	61	-	13 702
Carnegie Mellon University	19 494	662 483	121 282	102	3 001	-	-	-	364 075
Chatham College	2 373	126 779	-	-	554	96	55	-	4 327
Chestnut Hill College	4 285	113 274	1 250	39	1 073	75	10	-	1 158
College Misericordia	1 774	73 510	-	12	763	148	218	-	3 700
Combs College of Music	140	6 500	-	-	40	1 002	-	-	1 002

TABLE 3

LIBRARY COLLECTIONS BY TYPE OF HOLDING AND SERIAL SUBSCRIPTIONS BY INSTITUTION, 1984-85 -- Continued

	Print Materials		Government Documents	Serial Subscriptions		Microforms			
	Volumes Added During the Year	Volumes Held at End of Year	Number of Titles Held	Titles Added During the Year	Titles Held at End of Year	Book Titles	Serial Titles	Government Document Titles	Total Number of Physical Units
PRIVATE COLLEGES AND UNIVERSITIES - Continued									
Curtis Institute of Music	1 460	55 669	-	3	48	-	-	-	-
Dickinson School of Law	9 704	141 308	4 611	111	3 221	1 606	2 936	3 486	300 996
Duquesne University	14 714	582 276	2 590	1 744	4 987	2 785	682	-	112 365
Eastern College	4 608	83 717	-	81	616	117	16 370	-	16 487
Elizabethtown College	3 522	143 618	-	38	861	99	203	-	14 275
Franklin and Marshall College	9 315	228 802	-	43	1 692	-	-	-	233 168
Gannon University	8 935	155 774	-	1 079	2 136	93 917	489	25	132 342
Geneva College	3 746	131 486	-	8	660	-	-	-	56 264
Gettysburg College	8 714	292 434	-	1 306	2 534	-	500	-	-
Gratz College	3 000	48 000	-	10	115	38	2	-	-
Grove City College	3 081	150 153	-	48	706	-	318	-	95 307
Gwynedd-Mercy College	4 397	76 100	-	56	677	-	51	-	20 131
Haverford College	7 250	448 196	57 100	25	2 200	4 550	125	-	-
Holy Family College	1 447	95 186	-	4	419	-	27	-	906
Immaculata College	3 433	127 186	-	20	476	144	20	665	4 342
King's College	2 844	152 850	-	-	778	8 754	298	10 000	597 015
Lafayette College	8 522	378 267	-	-	1 819	-	570	2	33 535
Lancaster Bible College	1 656	42 104	-	10	365	882	3	-	1 718
LaRoche College	1 620	66 270	12 815	46	808	-	160	48	208
LaSalle University	4 314	290 683	-	31	1 318	4 210	458	-	19 432
Lebanon Valley College	3 056	120 663	-	-	607	-	-	-	13 557
Lehigh University	25 481	841 617	252 231	-	8 984	-	-	150 384	628 027
Lycoming College	3 451	149 591	16 586	22	966	786	240	-	35 287
Marywood College	3 832	174 041	-	52	1 188	-	35 113	-	35 113
Mercyhurst College	3 547	82 837	-	7	670	14 410	151	-	39 753
Messiah College	5 302	160 978	-	53	731	58	191	-	11 758
Moore College of Art	931	34 000	-	10	253	-	8	-	163
Moravian - Total	3 733	179 668	-	-	1 047	1 869	6	-	1 875
Moravian College									
Moravian Theological Seminary									
Neumann College	-	-	-	-	628	48	-	-	750
New School of Music	106	2 000	-	2	31	-	-	-	-
Pennsylvania College of Straight Chiropractic	-	5 822	-	-	144	-	-	-	-
Philadelphia College of Bible	2 722	53 323	-	4	497	13	18 121	-	18 121
Philadelphia College of Pharmacy and Science	2 458	54 951	-	35	825	15	384	-	28 107
Point Park College	2 804	113 504	-	6	587	7 892	437	-	25 814
Reconstructionist Rabbinical College	1 700	25 000	-	10	125	-	-	-	-
Robert Morris College	11 581	127 074	-	100	860	-	247	43 310	142 896

TABLE 3

LIBRARY COLLECTIONS BY TYPE OF HOLDING AND SERIAL SUBSCRIPTIONS BY INSTITUTION, 1984-85 -- Continued

	Print Materials		Government Documents	Serial Subscriptions		Microforms			
	Volumes Added During the Year	Volumes Held at End of Year	Number of Titles Held	Titles Added During the Year	Titles Held at End of Year	Book Titles	Serial Titles	Government Document Titles	Total Number of Physical Units
PRIVATE COLLEGES AND UNIVERSITIES - Concluded									
Rosemont College	3 434	143 745	-	10	470	-	-	-	21 406
Saint Francis College	3 536	163 884	-	514	514	-	-	-	4 519
Saint Joseph's University	7 254	217 958	1 544	85	1 832	3 861	552	111 076	509 270
Saint Vincent -- Total	3 847	230 081	-	5	788	86 934	81	-	87 015
Saint Vincent College									
Saint Vincent Seminary									
Seton Hill College	4 435	66 327	-	41	463	19	72	-	4 019
Spring Garden College	1 375	22 112	-	73	567	-	-	-	-
Susquehanna University	5 318	135 634	-	5	1 128	1 400	350	-	31 527
Swarthmore College	25 541	666 835	109 168	110	2 573	116 000	109	110	177 460
Thiel College	2 706	123 300	1 742	-	495	20	100	113	39 062
United Wesleyan College	725	31 669	-	-	102	3	-	-	3
University of Scranton	7 093	197 948	-	65	2 078	-	279	-	38 653
Ursinus College	3 632	143 600	6 550	25	870	121 274	173	190	121 637
Valley Forge Christian College	2 109	36 349	-	-	230	-	8	-	104
Villa Maria College	1 533	45 000	-	-	220	-	-	-	-
Villanova University	17 684	750 714	22 688	311	5 667	39 000	-	-	321 755
Washington and Jefferson College	2 868	181 084	32 000	-	662	35	458	-	9 067
Waynesburg College	1 677	123 000	65	15	480	-	3 665	-	3 665
Westminster College	4 303	207 650	3 000	-	1 116	461	164	-	6 334
Widener University	7 892	162 592	-	72	1 789	58	319	-	15 130
Wilkes College	4 507	185 386	-	6	1 241	-	305 158	-	486 795
Wilson College	2 719	145 530	-	5	452	7	16	-	9 130
York College of Pennsylvania	4 131	116 322	38 550	12	999	19 021	155	10 380	185 575
THEOLOGICAL SEMINARIES (15)	45 766	1 240 813	10	1 097	5 041	9 842	1 203	300	29 721
Biblical Theological Seminary	773	39 950	-	86	224	65	11	-	76
Calvary Baptist Theological Seminary	17 000	67 000	-	100	502	900	4	300	1 200
Christ the Saviour Seminary	1 000	10 000	-	-	-	-	-	-	-
Evangelical School of Theology	1 770	51 237	-	292	292	-	4	-	288
Faith Theological Seminary	185	25 674	-	5	35	-	-	-	-
Lancaster Theological Seminary	1 481	134 441	-	4	349	602	25	-	9 299
Lutheran Theological Seminary - Gettysburg	3 109	134 177	-	4	467	189	10	-	1 536
Lutheran Theological Seminary - Philadelphia	3 846	144 867	-	16	538	5 350	157	-	9 789
Mary Immaculate Seminary	888	67 601	-	12	405	117	63	-	910
Pittsburgh Theological Seminary	3 576	204 143	-	44	834	590	90	-	3 322
Reformed Presbyterian Theological Seminary	806	26 291	10	12	172	17	9	-	340
Saint Charles Borromeo Seminary	2 403	185 292	-	5	498	12	328	-	340

TABLE 3

LIBRARY COLLECTIONS BY TYPE OF HOLDING AND SERIAL SUBSCRIPTIONS BY INSTITUTION, 1984-85 -- Continued

	Print Materials		Government Documents	Serial Subscriptions		Microforms			
	Volumes Added During the Year	Volumes Held at End of Year	Number of Titles Held	Titles Added During the Year	Titles Held at End of Year	Book Titles	Serial Titles	Government Document Titles	Total Number of Physical Units
THEOLOGICAL SEMINARIES - Concluded									
Theological Seminary of the Reformed Episcopal Church	1 600	27 000	-	4	100	-	-	-	-
Trinity Episcopal School for Ministry	4 521	33 140	-	13	125	-	2	-	121
Westminster Theological Seminary	2 808	90 000	-	500	500	2 000	500	-	2 500
PRIVATE JUNIOR COLLEGES (8)	8 721	308 340	88	59	1 512	8	553	-	23 510
Harcum Junior College	1 117	35 511	-	33	295	-	7	-	7
Keystone Junior College	809	36 714	-	-	242	-	12	-	3 072
Manor Junior College	627	25 077	-	6	200	5	15	-	5
Mount Aloysius Junior College	1 010	31 799	3	3	182	-	23	-	1 527
Northeastern Christian Junior College	881	41 626	-	6	200	-	283	-	-
Peirce Junior College	1 795	35 294	-	6	201	3	163	-	17 590
Pinebrook Junior College	480	32 700	40	5	96	-	2	-	350
Valley Forge Military Junior College	2 002	69 619	45	-	96	-	48	-	959
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS (68)	5 457	84 745	75	174	985	-	3	-	513
Antonelli Institute of Art and Photography-Plymouth Meeting	120	2 000	-	3	15	-	-	-	-
Antonelli Institute of Art and Photography - York	-	1 100	-	2	15	-	-	-	-
Art Institute of Philadelphia	334	1 250	-	9	79	-	-	-	-
Art Institute and Fashion Institute of Pittsburgh	370	8 977	-	11	68	-	-	-	-
Berean Institute	468	3 000	24	2	42	-	3	-	450
Cambria-Rowe Business College	-	-	-	-	-	-	-	-	-
Center for Degree Studies	-	-	-	-	-	-	-	-	-
Central Pennsylvania Business School	250	9 250	-	10	90	-	-	-	63
Centre Business School, Inc	-	-	-	-	-	-	-	-	-
Churchman Business School	86	2 150	9	4	22	-	-	-	-
Clarissa School	-	-	-	-	-	-	-	-	-
Computer Systems Institute, Inc - Pittsburgh	560	6 460	-	3	21	-	-	-	-
Dean Institute of Technology	450	3 400	22	2	16	-	-	-	-
Douglas School of Business	-	-	-	-	-	-	-	-	-
DuBois Business College	200	1 800	-	-	-	-	-	-	-
Duffs Business Institute	-	-	-	-	-	-	-	-	-
Electronic Institutes, Inc - Middletown	-	-	-	-	-	-	-	-	-

TABLE 3

LIBRARY COLLECTIONS BY TYPE OF HOLDING AND SERIAL SUBSCRIPTIONS BY INSTITUTION, 1984-85 -- Continued

	Print Materials		Government Documents	Serial Subscriptions		Microforms			
	Volumes Added During the Year	Volumes Held at End of Year	Number of Titles Held	Titles Added During the Year	Titles Held at End of Year	Book Titles	Serial Titles	Government Document Titles	Total Number of Physical Units
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS - Continued									
Electronic Institutes, Inc - Pittsburgh	-	-	-	-	-	-	-	-	-
Erie Business Center	150	1 503	-	27	51	-	-	-	-
Hiram G. Andrews Center	124	7 293	-	-	50	-	-	-	-
Hussian School of Art, Inc	140	7 703	-	14	15	-	-	-	-
ICM School of Business	20	2 500	-	2	39	-	-	-	-
Johnson Technical Institute	193	3 460	-	5	78	-	-	-	-
Keystone Secretarial and Business Administration School	-	-	-	-	-	-	-	-	-
Lincoln Technical Institute - Allentown	-	-	-	-	-	-	-	-	-
Lyons Technical Institute - Philadelphia	-	-	-	-	-	-	-	-	-
Lyons Technical Institute - Upper Darby	75	850	-	-	12	-	-	-	-
Median School of Allied Health Careers	9	274	-	-	6	-	-	-	-
National Education Center - Allentown Business School Campus	200	2 496	-	5	8	-	-	-	-
National Education Center - Thompson Institute Campus - Harrisburg	-	-	-	-	-	-	-	-	-
National Education Center - Thompson Institute Campus - Philadelphia	-	-	-	-	-	-	-	-	-
National Education Center - Vale Technical Institute Campus	-	-	-	-	-	-	-	-	-
National School of Health Technology, Inc	58	994	-	2	14	-	-	-	-
National School of Health Technology, Inc - Northeast	-	-	-	-	-	-	-	-	-
New Castle School of Trades,Inc	100	1 500	-	14	14	-	-	-	-
New Kensington Commercial School	-	-	-	-	-	-	-	-	-
Northeast Institute of Education	100	400	-	5	15	-	-	-	-
Palmer School, Inc - Harrisburg	50	300	-	5	15	-	-	-	-
Palmer School, Inc - Philadelphia	150	400	2	5	9	-	-	-	-
Penn Commercial, Inc									
Penn Technical Institute	-	1 500	-	-	-	-	-	-	-
Pennco Tech	-	-	-	-	-	-	-	-	-
Pennsylvania Institute of Technology	573	9 638	15	36	186	-	-	-	-

TABLE 3

LIBRARY COLLECTIONS BY TYPE OF HOLDING AND SERIAL SUBSCRIPTIONS BY INSTITUTION, 1984-85 -- Concluded

	Print Materials		Government Documents	Serial Subscriptions		Microforms			
	Volumes Added During the Year	Volumes Held at End of Year	Number of Titles Held	Titles Added During the Year	Titles Held at End of Year	Book Titles	Serial Titles	Government Document Titles	Total Number of Physical Units
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS - Concluded									
Philadelphia School of Office Technologies	359	1 060	1	1	40	-	-	-	-
Pittsburgh Beauty Academy	-	-	-	-	-	-	-	-	-
Pittsburgh Institute of Aeronautics	-	-	-	-	-	-	-	-	-
Pittsburgh Institute of Mortuary Science	53	1 452	2	1	24	-	-	-	-
Pittsburgh Technical Institute	-	-	-	-	-	-	-	-	-
PTC Career Institute	-	-	-	-	-	-	-	-	-
Schuylkill Business Institute	-	-	-	-	-	-	-	-	-
Shenango Valley School of Business - New Castle	70	340	-	4	14	-	-	-	-
Shenango Valley School of Business - Sharon	120	600	-	2	18	-	-	-	-
South Hills Business School	-	-	-	-	-	-	-	-	-
Tracey Warner School, Inc	75	1 075	-	-	9	-	-	-	-
Triangle Institute of Technology	-	-	-	-	-	-	-	-	-
Triangle Institute of Technology - DuBois	-	-	-	-	-	-	-	-	-
Triangle Institute of Technology - Erie	-	-	-	-	-	-	-	-	-
Triangle Institute of Technology - Greensburg	-	-	-	-	-	-	-	-	-
Triangle Institute of Technology - Uniontown	-	-	-	-	-	-	-	-	-
Welder Training and Testing Institute - Allentown	-	-	-	-	-	-	-	-	-
Welder Training and Testing Institute - Bridgeport	-	-	-	-	-	-	-	-	-
Welder Training and Testing Institute - Philadelphia	-	-	-	-	-	-	-	-	-
Welder Training and Testing Institute - Selinsgrove	-	-	-	-	-	-	-	-	-
Welder Training and Testing Institute - Wilkes-Barre	-	-	-	-	-	-	-	-	-
Williamson Free School of Mechanical Trades	-	-	-	-	-	-	-	-	-
Williamsport School of Commerce	-	-	-	-	-	-	-	-	-
Yorktowne Business Institute	-	-	-	-	-	-	-	-	-
STATE SCHOOL OF TECHNOLOGY (1)	565	10 065	162	50	336	2	213	-	52 668
Thaddeus Stevens State School of Technology	565	10 065	162	50	336	2	213	-	52 668

TABLE 3 A

LIBRARY COLLECTIONS BY TYPE OF HOLDING BY INSTITUTION, 1984-85

	Cartographic Materials	Graphic Materials	Audio Materials	Films	Video Materials	Machine Readable Materials	Other Library Materials
	Units Held	Units Held	Titles Held	Titles Held	Titles Held	Titles Held	Titles Held
TOTAL, ALL INSTITUTIONS (213)	525 209	2 378 355	788 791	42 719	64 700	28 547	1 412 204
STATE UNIVERSITIES (14)	46 791	319 391	131 664	17 414	3 694	174	110 973
Bloomsburg University	294	8 892	8 807	4 643	308	-	-
California University	19 302	47 167	7 834	1 639	155	-	12 852
Cheyney University	149	2 989	1 871	921	102	34	3 889
Clarion University -- Total	1 777	12 836	3 178	-	-	-	-
Main Campus	1 649	12 440	2 872	-	-	-	-
Venango Campus	128	396	306	-	-	-	-
East Stroudsburg University	-	8 981	4 314	-	-	-	-
Edinboro University	14	21 281	12 040	224	177	-	-
Indiana University	3 112	11 750	13 994	1 400	1 300	-	29 310
Kutztown University	14 781	33	3 602	2 518	79	-	24 816
Lock Haven University	2 031	1 960	2 909	504	1 366	-	746
Mansfield University	675	6 614	10 573	710	15	108	2 175
Millersville University	370	49 322	5 925	444	123	12	9 935
Shippensburg University	2 862	60 256	11 847	1 390	-	-	944
Slippery Rock University	-	68 003	14 302	1 614	45	-	3 971
West Chester University	1 424	19 307	30 468	1 407	24	20	22 335
STATE RELATED COMMONWEALTH UNIVERSITIES (4)	445 358	213 934	90 654	8 966	26 687	42	581 996
Lincoln University	40	6	850	34	35	1	214
Pennsylvania State University -- Total	287 295	81 970	43 047	24	24 396	1	7 374
Main Campus	284 441	81 970	19 004	-	-	-	-
Allentown Campus	391	-	3 676	-	2 267	-	-
Altoona Campus	779	-	4 580	-	181	-	-
Beaver Campus	2		2 072	-	3 852	-	-
Behrend College	31	-	1 618	-	7	-	-
Berks Campus	56	-	691	-	285	-	-
Capitol Campus	275	-	1 647	-	-	1	7 374
Delaware Campus	132	-	719	-	3	-	-
DuBois Campus	77	-	541	-	-	-	-
Fayette Campus	-	-	767	-	3 700	-	-
Hazleton Campus	201	-	2 283	-	1 122	-	-
Hershey Medical Center	-	-	6	24	474	-	-
King of Prussia Center for Graduate Studies	78	-	42	-	1 361	-	-
McKeesport Campus	11	-	841	-	48	-	-
Mont Alto Campus	39	-	555	-	7	-	-
New Kensington Campus	19	-	329	-	6 411	-	-
Ogontz Campus	180	-	233	-	2 210	-	-
Schuylkill Campus	191	-	484	-	33	-	-
Shenango Valley Campus	110	-	662	-	1 133	-	-

TABLE 3 A

LIBRARY COLLECTIONS BY TYPE OF HOLDING BY INSTITUTION, 1984-85 -- Continued

	Cartographic Materials	Graphic Materials	Audio Materials	Films	Video Materials	Machine Readable Materials	Other Library Materials
	Units Held	Units Held	Titles Held	Titles Held	Titles held	Titles Held	Titles Held
STATE-RELATED COMMONWEALTH UNIVERSITIES - Concluded							
Wilkes-Barre Campus	2	-	82	-	19	-	-
Worthington-Scranton Campus	215	-	497	-	797	-	-
York Campus	65	-	1 718	-	415	-	-
Temple University	72 052	-	12 832	950	-	-	-
University of Pittsburgh - Total	85 971	131 958	33 925	7 958	2 256	40	574 408
Main Campus	85 347	119 842	26 452	7 813	2 100	40	566 715
Bradford Campus	170	3 676	1 425	50	10	-	-
Greensburg Campus	-	987	923	-	-	-	5 380
Johnstown Campus	344	7 453	4 971	95	146	-	125
Titusville Campus	110	-	154	-	-	-	2 188
COMMUNITY COLLEGES (14)	4 374	33 588	38 039	4 746	3 898	20 140	51 964
Bucks County Community College	1 250	450	7 150	350	120	75	18 859
Butler County Community College	-	-	1 549	93	74	19 344	4 093
Community College of Allegheny County	806	23 025	5 305	1 464	472	190	1 973
Community College of Beaver County	-	140	1 773	-	-	-	-
Community College of Philadelphia	39	-	3 393	1 200	1 143	114	3 479
Delaware County Community College	-	-	3 250	-	175	3	35
Harrisburg Area Community College	227	56	1 930	358	214	-	13 878
Lehigh County Community College	857	309	1 582	107	251	10	836
Luzerne County Community College	-	292	1 613*	610	122	-	1 884
Montgomery County Community College	100	7 954	5 854	-	352	-	1 365
Northampton County Area Community College	300	250	1 900	61	500	300	1 500
Reading Area Community College	1	568	743	7	36	65	1 047
Westmoreland County Community College	574	544	937	440	383	39	1 436
Williamsport Area Community College	220	-	1 060	56	56	-	1 579

TABLE 3 A

LIBRARY COLLECTIONS BY TYPE OF HOLDING BY INSTITUTION, 1984-85 -- Continued

	Cartographic Materials	Graphic Materials	Audio Materials	Films	Video Materials	Machine Readable Materials	Other Library Materials
	Units Held	Units Held	Titles Held	Titles Held	Titles held	Titles Held	Titles Held
PRIVATE STATE-AIDED INSTITUTIONS (12)	4	573 543	49 968	824	5 492	4 199	3 379
Delaware Valley College of Science and Agriculture	1	300	600	2	4	8	290
Drexel University	3	29 642	1 299	297	729	-	36
Hahnemann University	-	-	215	-	200	-	-
Medical College of Pennsylvania	-	-	-	-	-	-	1 078
Pennsylvania College of Optometry	-	-	620	-	10	10	345
Pennsylvania College of Podiatric Medicine	-	-	845	92	750	-	-
Philadelphia College of Art	-	279 500	462	233	20	-	1 630
Philadelphia College of Osteopathic Medicine	-	1 285	3 827	-	1 232	4 175	-
Philadelphia College of Textiles and Science	-	-	767	-	-	-	-
Philadelphia College of the Performing Arts	-	-	8 300	-	-	-	-
Thomas Jefferson University	-	430	221	-	647	-	-
University of Pennsylvania	-	262 386	32 812	200	1 900	6	-
PRIVATE COLLEGES AND UNIVERSITIES (77)	27 890	1 196 425	450 888	9 898	20 365	921	529 110
Academy of the New Church	500	10 000	900	100	4	22	-
Albright College	250	19 142	5 313	130	23	-	-
Allegheny College	523	500	2 455	23	8	43	-
Allentown College of St. Francis de Sales	-	737	2 747	-	8	5	1 816
Alliance College	50	250	1 851	22	-	-	-
Alvernia College	2	100	22 833	-	20	-	730
American College	-	-	435	5	29	9	11
Antioch University	-	-	-	-	-	-	-
Baptist Bible College and School of Theology	193	11 505	5 849	65	96	13	10 623
Beaver College	-	-	1 902	-	-	-	7 677
Bryn Mawr College	-	600 000	219 310	316	45	-	-
Bucknell University	3 495	45	1 669	-	10	-	15
Cabrini College	-	-	918	8	10	3	4 368
Carlow College	133	4 543	1 569	48	16	-	96
Carnegie-Mellon University	-	127 305	11 043	200	124	-	-
Chatham College	-	-	272	1	-	30	75
Chestnut Hill College	348	1 282	1 722	-	2	-	3 000
College Misericordia	2	11 703	4 814	38	74	-	509
Combs College of Music	-	-	1 620	1	-	-	7 920

TABLE 3 A

LIBRARY COLLECTIONS BY TYPE OF HOLDING BY INSTITUTION, 1984-85 -- Continued

	Cartographic Materials	Graphic Materials	Audio Materials	Films	Video Materials	Machine Readable Materials	Other Library Materials
	Units Held	Units Held	Titles Held	Titles Held	Titles held	Titles Held	Titles Held
PRIVATE COLLEGES AND UNIVERSITIES - Continued							
Curtis Institute of Music	-	-	7 983	2	24	-	-
Dickinson School of Law	120	-	88	-	671	-	-
Duquesne University	-	6 985	5 075	51	3	5	60 886
Eastern College	-	-	2 402	-	-	25	-
Elizabethtown College	589	11 954	5 105	65	32	-	912
Franklin and Marshall College	-	500	3 362	81	231	-	-
Gannon University	275	6	1 541	-	844	38	-
Geneva College	-	-	3 683	85	87	2	9 002
Gettysburg College	874	-	11 457	234	12 791	-	-
Gratz College	-	-	-	-	-	-	-
Grove City College	-	-	517	-	-	-	-
Gwynedd-Mercy College	122	39 026	4 045	37	265	3	3
Haverford College	280	-	1 350	-	6	-	-
Holy Family College	-	2 271	1 909	8	1	-	216
Immaculata College	-	2 262	1 271	27	-	1	305
King's College	-	-	331	554	73	-	378 000
Lafayette College	381	-	5 544	-	-	-	-
Lancaster Bible College	-	390	915	-	70	-	24
LaRoche College	30	16 406	2 308	-	20	123	-
LaSalle University	10	-	331	75	10	-	160
Lebanon Valley College	-	-	4 755	-	-	-	-
Lehigh University	-	-	16 204	116	339	50	175
Lycoming College	-	-	1 512	2	-	-	-
Marywood College	-	14 716	8 031	32	246	-	3 997
Mercyhurst College	-	-	1 265	-	-	-	-
Messiah College	232	1 853	6 525	125	150	90	-
Moore College of Art	-	85 170	1 650	13	20	4	-
Moravian -- Total	15 000	-	377	-	-	-	-
Moravian College							
Moravian Theological Seminary							
Neumann College	96	42 875	6 233	233	213	-	-
New School of Music	-	-	3 100	-	-	-	5 850
Pennsylvania College of Straight Chiropractic	1	1 615	375	11	12	-	-
Philadelphia College of Bible	181	235	470	36	2	-	2 500
Philadelphia College of Pharmacy and Science	2	252	448	30	117	17	-
Point Park College	25	14	2 014	-	-	8	6 658
Reconstructionist Rabbinical College	-	-	200	-	-	-	-
Robert Morris College	-	40	722	144	51	-	267

TABLE 3 A

LIBRARY COLLECTIONS BY TYPE OF HOLDING BY INSTITUTION, 1984-85 -- Continued

	Cartographic Materials	Graphic Materials	Audio Materials	Films	Video Materials	Machine Readable Materials	Other Library Materials
	Units Held	Units Held	Titles Held	Titles Held	Titles held	Titles Held	Titles Held
PRIVATE COLLEGES AND UNIVERSITIES - Concluded							
Rosemont College	-	-	6 743	-	-	367	9 026
Saint Francis College	-	-	985	19	18	-	-
Saint Joseph's University	728	322	26	37	-	-	3 695
Saint Vincent -- Total	-	-	3 960	-	-	-	-
Saint Vincent College							
Saint Vincent Seminary							
Seton Hill College	180	4 962	1 377	14	83	20	27
Spring Garden College	-	-	-	-	-	-	-
Susquehanna University	150	-	5 000	120	237	-	8 000
Swarthmore College	1 603	140 000	2 699	144	203	-	2 000
Thiel College	-	200	3 318	-	-	-	-
United Wesleyan College	-	1 542	990	-	-	-	-
University of Scranton	-	-	4 109	149	774	21	-
Ursinus College	604	14 402	3 641	27	178	15	-
Valley Forge Christian College	200	103	464	41	-	-	-
Villa Maria College	-	-	1 551	4 191	16	2	-
Villanova University	-	-	1 024	733	300	-	-
Washington and Jefferson College	2	15	3 755	10	18	-	-
Waynesburg College	-	-	650	-	-	-	-
Westminster College	100	1 200	1 500	100	1 200	5	400
Widener University	-	3 550	3 774	176	52	-	-
Wilkes College	-	-	769	104	66	-	167
Wilson College	-	-	1 217	-	-	-	-
York College of Pennsylvania	609	16 447	3 016	1 115	473	-	-
THEOLOGICAL SEMINARIES (15)	313	12 608	15 726	24	2 789	3 043	125 847
Biblical Theological Seminary	3	-	650	-	-	-	1 072
Calvary Baptist Theological Seminary	3	-	1 200	-	2	-	50
Christ the Saviour Seminary	-	-	-	-	-	-	-
Evangelical School of Theology	12	-	-	-	-	-	-
Faith Theological Seminary	-	-	-	-	-	-	-
Lancaster Theological Seminary	-	-	1 391	-	745	3 025	123 975
Lutheran Theological Seminary - Gettysburg	-	-	199	-	-	-	-
Lutheran Theological Seminary - Philadelphia	89	5 260	1 784	3	90	8	-
Mary Immaculate Seminary	5	3	143	6	-	-	-
Pittsburgh Theological Seminary	75	2 329	1 700	15	-	-	750
Reformed Presbyterian Theological Seminary	26	16	981	-	2	9	-
Saint Charles Borromeo Seminary	100	5 000	4 138	-	1 950	1	-

TABLE 3 A

LIBRARY COLLECTIONS BY TYPE OF HOLDING BY INSTITUTION, 1984-85 -- Continued

	Cartographic Materials	Graphic Materials	Audio Materials	Films	Video Materials	Machine Readable Materials	Other Library Materials
	Units Held	Units Held	Titles Held	Titles Held	Titles held	Titles Held	Titles Held
THEOLOGICAL SEMINARIES - Concluded							
Theological Seminary of the Reformed Episcopal Church	-	-	330	-	-	-	-
Trinity Episcopal School for Ministry	-	-	1 210	-	-	-	-
Westminster Theological Seminary	-	-	2 000	-	-	-	-
PRIVATE JUNIOR COLLEGES (8)	389	9 836	9 413	713	1 310	-	726
Harcum Junior College	1	620	837	-	220	-	580
Keystone Junior College	17	194	454	27	260	-	-
Manor Junior College	-	672	117	15	32	-	-
Mount Aloysius Junior College	-	1 039	874	9	31	-	26
Northeastern Christian Junior College	-	3 625	1 195	273	127	-	120
Peirce Junior College	221	1 918	3 336	17	383	-	-
Pinebrook Junior College	-	217	1 108	217	-	-	-
Valley Forge Military Junior College	150	1 497	1 492	155	257	-	-
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS (68)	72	19 025	2 416	131	342	28	8 185
Antonelli Institute of Art and Photography-Plymouth Meeting	-	-	3	-	-	-	-
Antonelli Institute of Art and Photography - York	-	-	-	-	-	-	-
Art Institute of Philadelphia	-	10 000	170	8	120	-	110
Art Institute and Fashion Institute of Pittsburgh	-	230	-	6	6	-	7 931
Berean Institute	49	966	539	3	-	-	59
Cambria-Rowe Business College	-	-	-	-	-	-	-
Center for Degree Studies	-	-	-	-	-	-	-
Central Pennsylvania Business School	-	14	640	12	2	4	-
Centre Business School, Inc	-	-	-	-	-	-	-
Churchman Business School	-	-	-	-	-	-	-
Clarissa School	-	-	-	-	-	-	-
Computer Systems Institute, Inc - Pittsburgh	-	-	49	-	14	-	-
Dean Institute of Technology	8	61	17	23	-	2	-
Douglas School of Business	-	-	-	-	-	-	-
DuBois Business College	-	-	350	-	-	-	-
Duffs Business Institute	-	-	-	-	-	-	-
Electronic Institutes, Inc - Middletown	-	-	-	-	-	-	-

TABLE 3 A

LIBRARY COLLECTIONS BY TYPE OF HOLDING BY INSTITUTION, 1984-85 -- Continued

	Cartographic Materials	Graphic Materials	Audio Materials	Films	Video Materials	Machine Readable Materials	Other Library Materials
	Units Held	Units Held	Titles Held	Titles Held	Titles held	Titles Held	Titles Held
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS - Continued							
Electronic Institutes, Inc - Pittsburgh	-	-	-	-	-	-	-
Erie Business Center	-	17	36	-	-	-	-
Hiram G. Andrews Center	-	1	220	-	85	-	-
Hussian School of Art, Inc	-	7 703	7	10	6	-	-
ICM School of Business	-	-	-	-	-	-	-
Johnson Technical Institute	5	10	7	13	-	-	35
Keystone Secretarial and Business Administration School	-	-	-	-	-	-	-
Lincoln Technical Institute - Allentown	-	-	-	-	-	-	-
Lyons Technical Institute - Philadelphia	-	-	240	20	5	-	-
Lyons Technical Institute - Upper Darby	-	-	-	-	-	-	-
Median School of Allied Health Careers	-	13	8	-	-	-	-
National Education Center - Allentown Business School Campus	-	-	-	-	-	-	-
National Education Center - Thompson Institute Campus - Harrisburg	-	-	-	-	-	-	-
National Education Center - Thompson Institute Campus - Philadelphia	-	-	-	-	-	-	-
National Education Center - Vale Technical Institute Campus	-	-	-	-	-	-	-
National School of Health Technology, Inc	-	-	-	-	-	-	-
National School of Health Technology, Inc - Northeast							
New Castle School of Trades,Inc	-	10	25	15	-	-	-
New Kensington Commercial School							
Northeast Institute of Education	-	-	-	-	-	-	-
Palmer School, Inc - Harrisburg	-	-	-	3	2	-	-
Palmer School, Inc - Philadelphia	2	-	50	-	-	22	12
Penn Commercial, Inc	-	-	-	-	-	-	-
Penn Technical Institute	-	-	-	-	-	-	-
Pennco Tech	-						
Pennsylvania Institute of Technology	-	-	-	2	1	-	10

TABLE 3 A

LIBRARY COLLECTIONS BY TYPE OF HOLDING BY INSTITUTION, 1984-85 -- Concluded

	Cartographic Materials	Graphic Materials	Audio Materials	Films	Video Materials	Machine Readable Materials	Other Library Materials
	Units Held	Units Held	Titles Held	Titles Held	Titles held	Titles Held	Titles Held
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS - Concluded							
Philadelphia School of Office Technologies	8	-	21	-	42	-	26
Pittsburgh Beauty Academy	-	-	-	-	-	-	-
Pittsburgh Institute of Aeronautics	-	-	-	-	-	-	-
Pittsburgh Institute of Mortuary Science	-	-	34	-	56	-	2
Pittsburgh Technical Institute	-	-	-	-	-	-	-
PTC Career Institute	-	-	-	-	-	-	-
Schuylkill Business Institute	-	-	-	-	-	-	-
Shenango Valley School of Business - New Castle	-	-	-	16	-	-	-
Shenango Valley School of Business - Sharon	-	-	-	-	3	-	-
South Hills Business School							
Tracey Warner School, Inc	-	-	-	-	-	-	-
Triangle Institute of Technology	-	-	-	-	-	-	-
Triangle Institute of Technology - DuBois	-	-	-	-	-	-	-
Triangle Institute of Technology - Erie	-	-	-	-	-	-	-
Triangle Institute of Technology - Greensburg	-	-	-	-	-	-	-
Triangle Institute of Technology - Uniontown	-	-	-	-	-	-	-
Welder Training and Testing Institute - Allentown	-	-	-	-	-	-	-
Welder Training and Testing Institute - Bridgeport	-	-	-	-	-	-	-
Welder Training and Testing Institute - Philadelphia	-	-	-	-	-	-	-
Welder Training and Testing Institute - Selinsgrove	-	-	-	-	-	-	-
Welder Training and Testing Institute - Wilkes-Barre	-	-	-	-	-	-	-
Williamson Free School of Mechanical Trades	-	-	-	-	-	-	-
Williamsport School of Commerce							
Yorktowne Business Institute	-	-	-	-	-	-	-
STATE SCHOOL OF TECHNOLOGY (1)	18	5	23	3	123	-	24
Thaddeus Stevens State School of Technology	18	5	23	3	123	-	24

TABLE

LIBRARY OPERATING EXPENDITURES BY TYPE OF

		Total	Salaries, Wages, and Fringe Benefits of Library Staff	Print Materials	Serial Subscriptions	Microforms
TOTAL, ALL INSTITUTIONS	(213)	$ 116 241 967	$ 67 486 239	$ 15 435 024	$ 17 174 854	$ 830 139
State Universities	(14)	17 134 759	10 838 546	1 869 925	2 345 996	170 283
State-Related Commonwealth Universities	(4)	35 056 158	20 343 575	4 478 651	5 107 691	133 436
Community Colleges	(14)	6 281 977	4 545 806	552 923	295 897	100 255
Private State-Aided Institutions	(12)	18 464 055	11 020 556	1 689 225	2 782 700	13 359
Private Colleges and Universities	(77)	36 532 658	19 050 521	6 325 714	6 441 670	393 868
Theological Seminaries	(15)	1 469 400	855 695	302 986	108 129	9 534
Private Junior Colleges	(8)	777 417	520 010	134 736	44 792	4 404
Specialized Associate Degree-Granting Institutions and State School of Technology	(69)	545 543	311 530	80 864	47 979	5 000

4

EXPENDITURE BY INSTITUTIONAL CATEGORY, 1984-85

Computer Software	Audiovisual Materials	Other Library Materials	Binding and Rebinding	Equipment	All Other Operating Expenditures	
$ 152 186	$ 824 973	$ 227 042	$ 1 789 722	$ 2 213 133	$ 10 108 655	TOTAL, ALL INSTITUTIONS
10 587	200 023	49 913	189 997	302 183	1 157 306	State Universities
5 250	30 075	10 000	544 566	631 011	3 751 903	State-Related Commonwealth Universities
26 814	239 983	-	13 691	74 682	431 926	Community Colleges
3 765	45 964	-	399 812	287 481	2 221 193	Private State-Aided Institutions
75 504	262 464	136 032	591 771	862 756	2 392 358	Private Colleges and Universities
13 412	2 464	-	46 678	21 707	108 795	Theological Seminaries
5 151	25 962	5 897	3 207	14 973	18 285	Private Junior Colleges
11 703	18 038	25 200	-	18 340	26 889	Specialized Associate Degree-Granting Institutions and State School of Technology

TABLE 5

SELECTED SPECIAL EXPENDITURES BY INSTITUTIONAL CATEGORY, 1984-85 1/

		Communications		Contracted Computer Services	Online Database Searching	Computer Hardware
		Postage	Telecommunications			
TOTAL, ALL INSTITUTIONS	(213)	$ 269 100	$ 450 275	$ 2 742 636	$ 677 241	$ 1 185 950
State Universities	(14)	28 445	57 135	420 444	77 284	63 251
State-Related Commonwealth Universities	(4)	79 401	171 616	561 101	163 484	624 695
Community Colleges	(14)	11 216	19 903	98 383	16 057	10 778
Private State-Aided Institutions	(12)	42 257	98 051	609 098	217 317	166 494
Private Colleges and Universities	(77)	86 844	98 495	1 015 216	175 654	290 577
Theological Seminaries	(15)	17 558	2 646	37 522	26 434	23 655
Private Junior Colleges	(8)	945	728	872	675	-
Specialized Associate Degree-Granting Institutions and State School of Technology	(69)	2 434	1 701	-	336	6 500

1/ The data on Table 5 is also included in the total on Table 4.

TABLE 6

LIBRARY STAFF BY INSTITUTIONAL CATEGORY, FALL 1985

		Total Staff (FTE)	Librarians (FTE)	All Other Paid Staff (FTE)	Contributed Services Staff (FTE)	Student Assistance from All Funding Sources (FTE)
TOTAL, ALL INSTITUTIONS	(213)	4 391.1	1 141.8	1 761.4	46.2	1 441.7
State Universities	(14)	602.3	160.0	174.5	-	267.8
State-Related Commonwealth Universities	(4)	1 079.7	274.7	553.2	-	251.8
Community Colleges	(14)	262.1	64.9	132.7	-	64.5
Private State-Aided Institutions	(12)	542.9	170.7	265.9	-	106.3
Private Colleges and Universities	(77)	1 711.3	414.3	582.4	34.5	680.1
Theological Seminaries	(15)	82.6	23.7	28.6	9.3	21.0
Private Junior Colleges	(8)	69.5	17.5	16.0	2.4	33.6
Specialized Associate Degree-Granting Institutions and State School of Technology	(69)	40.7	16.0	8.1	-	16.6

APPENDIX A

GLOSSARY

ALL OTHER PAID STAFF - Paid library staff, other than librarians, in filled positions who are paid annual salaries. This includes professional and non-professional staff who are paid hourly wages, yet fill positions which are salaried annually. Not included in this category, but listed elsewhere, are contributed services staff and student assistance from all funding sources. Excluded from this report are all maintenance and custodial staff.

COMPUTER HARDWARE - Computers, printers, or any physical component of a computer.

COMPUTER SOFTWARE - Programs, procedures, and associated documentation that instruct the computer to perform certain types of tasks, in contrast to the physical components of a computer (hardware).

FULL-TIME EQUIVALENT (FTE) EMPLOYEES - The sum of the number of full-time employees plus the number of full-time equivalent of the part-time employees.

GOVERNMENT DOCUMENT - Any book in publication in book serial, or other form of library materials that are published by a government agency, e.g. The publication of federal, state, local and foreign governments, etc.

LIBRARIAN - A staff member doing work that requires professional training and skill in the theoretical or scientific aspect of library work, or both, as distinct from its mechanical or clerical aspect.

LIBRARY - An organized collection of printed, microform, and audio-visual materials which (a) is administered as one or more units, (b) is located in one or more designated places, and (c) makes printed, microform, and audio-visual materials as well as necessary equipment and services of a staff accessible to student and to faculty.

MICROFORMS - Material that has been photographically reduced in size for storage, protection, and inexpensive publication purposes, and which must be read with the help of enlarging instruments. Examples of microforms are: microfilm, microcard, and microfiche.

PRINT MATERIALS - All materials consisting primarily of words and usually produced by making an impression with ink on paper. Also synonymous with books.

TITLE - A publication which forms a separate bibliographic whole, whether issued in one or several volumes, reels, disks, slides, or parts. Applies equally to printed materials as well as to audio-visual materials and microforms.

VOLUME - A physical unit of any printed, typewritten, handwritten, mimeographed, or processed work, contained in one binding or portfolio, handbound or paperbound, which has been cataloged, classified, or otherwise made ready for use.

APPENDIX B

NONRESPONDING INSTITUTIONS

Altoona School of Commerce
American Institute of Design Inc.
Cedar Crest College
Computer Systems - Meadville
Dickinson College
Dropsie College
Eastern Baptist Theological Seminary
Juniata College
Lackawanna Junior College
Lincoln Technical Institute - Philadelphia
Monroeville School of Business
Muhlenburg College
Yorktowne Business Institute

S6790-5.2-U

Vocational Education Statistics 1985-86

EDUCATION TODAY

Pennsylvania Department of Education 1987

Vocational Education Statistics 1985-86

Commonwealth of Pennsylvania
Robert P. Casey, Governor

Department of Education
Thomas K. Gilhool, Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

Division of Data Services
Roger G. Hummel, Chief

Compiled by:
Marcia A. McCormick, Descriptive Statistician

April 1987

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

The Pennsylvania Department of Education, an equal opportunity employer, will not discriminate in employment, educational programs or activities, based on race, color, religion, national origin, sex, age, ancestry, physical handicap or union membership. This policy of nondiscrimination extends to all other legally protected classifications. Publication of this policy in this document is in accordance with state and federal laws including Title IX of the Education Amendments of 1972 and Sections 503 and 504 of the Rehabilitation Act of 1973. Inquiries should be directed to Susan Mitchell, Affirmative Action Officer, 503/504 Coordinator, Education Building, 333 Market Street, Harrisburg, PA 17126-0333.

HIGHLIGHTS

The 1985-86 data indicates:

- there were 351,907 students enrolled in vocational education programs in Pennsylvania. These included 181,486 at the secondary level; 90,040 at the postsecondary level (includes only the community colleges, The Pennsylvania State University, and 56 other institutions); and 80,381 at the adult level in secondary schools. In addition, there were 13,376 students enrolled in Job Training Partnership Act (JTPA) programs administered by the Pennsylvania Department of Education.

- at the secondary level, there was a decline of 79,876 enrollees or 30.6 percent from the peak of 261,362 in 1978-79. During that same seven year period, total public secondary enrollments in grades 10 through 12 dropped 18.8 percent.

- females accounted for 52.8 percent of the total vocational education enrollments.

- minorities represented more than 13 percent of all students enrolled in vocational programs.

- approximately 63 percent of all secondary level vocational education students attended a vocational education program operated by a high school, while another 36 percent attended a vocational education program operated by an area vocational-technical school (AVTS); the remaining 1 percent attended a program operated by either an intermediate unit or a correctional institution.

- secondary vocational education served 15,868 handicapped, 52,125 disadvantaged, and 1,342 limited English proficiency students.

- that 48.5 percent of the 48,391 completers of 1984-85 secondary vocational education programs responded to the follow-up survey, of which 87.4 percent were gainfully placed (employed, military service, and pursuing additional education).

- over $442 million were expended in support of vocational education programs.

TABLE OF CONTENTS

Page
INTRODUCTION 1

GLOSSARY 27

TABLES

Table Page

1. Vocational Education Enrollments by Level and Program Field, 1976-77 Through 1985-86 2

2. Vocational Education Enrollments by Level by Program, 1985-86 . . . 4

3. Secondary Vocational Education Enrollments by Type of Institution by Program Field, 1985-86 10

4. Vocational Education Enrollments by Race by Level and Program Field, 1985-86 12

5. Vocational Education Enrollments by Sex by Level and Program Field, 1985-86 14

6. Secondary Vocational Education Enrollments by Special Needs by Program Field, 1985-86 16

7. Job Training Partnership Act (JTPA), Education Section Enrollments and Completers by Program Field, 1985-86 18

8. Employment Status Follow-Up of Vocational Education Completers by Level, Program Field, and Selected Programs, 1984-85 20

9. Average Salary of Vocational Education Completers by Sex by Level and Program Field, 1984-85 23

10. Support for Vocational Education by Source by Selected Years 24

11. Number of Secondary Vocational Education Teachers by Age by Program Field, 1985-86 26

FIGURES

Figure Page

1. Vocational Education Enrollments, Secondary, Adult, and Postsecondary, 1976-77 Through 1985-86 3

Figure Page

2. Vocational Education Enrollments by Level by Type of Institution, 1985-86 9

3. Secondary Vocational Education Enrollments, High School vs AVTS by Program Field, 1985-86 10

4. Postsecondary Vocational Education Enrollments by Student Type, 1985-86 11

5. Adult Vocational Education Enrollments by Student Type, 1985-86 . . 11

6. Public Secondary Enrollments by Race, Vocational vs Non-Vocational, 1985-86 13

7. Secondary Vocational Education Enrollments by Grade, 1985-86 15

8. Secondary Cooperative Education as a Percent of Occupational Enrollments, 1985-86 15

9. Secondary Vocational Education Special Needs Enrollments by Type of Institution, 1985-86 17

10. Employment Status Follow-Up of Vocational Education Completers by Level, 1984-85 22

11. Support for Vocational Education by Source by Selected Years 25

12. Secondary Vocational Education Teachers by Sex by Program Field, 1985-86 26

INTRODUCTION

"Vocational Education Statistics, 1985-86" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (phone 717-787-2644).

Sources: Vocational Secondary Students Aggregate Enrollment Report (PDE-4051)
Special Federally Funded Handicapped and Disadvantaged Vocational Students Aggregate Enrollment Report (PDE-4046-B)
Vocational Adult Students Aggregate Enrollment Report (PDE-4049)
Vocational Postsecondary Students Aggregate Enrollment Report (PDE-4052)
Enrollment and Termination Form for Customized Job Training, Health Occupations Education, or Training for Occupations with Promise (PDE-4023)
Secondary Vocational Student Follow-up (PDE-4519)
Adult Vocational Student Follow-up (PDE-4520)
Postsecondary Vocational Student Follow-up (PDE-4521)
Postsecondary Completer Follow-up Report (PDE-4054)
Basic Data for Personnel Servicing Vocational Education Programs (Secondary Level) (PDE-5023)

TABLE 1

VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL AND PROGRAM FIELD
1976-77 THROUGH 1985-86

	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
GRAND TOTAL	395 040	436 185	443 220	421 411	405 718	400 440	395 190	373 947	364 092	351 907
SECONDARY TOTAL	252 739	259 914	261 362	258 913	251 849	242 920	233 242	216 910	197 996	181 486
Agriculture Education	15 784	16 377	15 637	14 723	13 825	13 435	12 720	11 718	11 122	10 267
Business Education	65 106	65 552	64 811	63 261	61 110	59 695	61 146	56 190	50 322	45 108
Health Occupations Education	4 826	5 321	5 317	5 070	5 151	4 912	4 866	5 168	5 081	4 557
Marketing and Distributive Education	11 057	11 372	10 853	10 426	9 694	9 120	8 856	7 604	7 071	6 263
Occupational Home Economics Education	7 200	7 906	7 538	7 043	7 637	7 342	10 032	9 845	9 002	8 419
Technical Education	10 949	10 746	10 290	9 592	9 708	9 184	8 827	8 539	7 766	7 477
Trade and Industrial Education	70 781	73 522	76 540	77 462	76 718	73 569	59 859	55 972	51 803	47 371
Not Elsewhere Classified	-	-	1 835	6 827	4 986	5 090	12 200	11 088	10 983	5 686
Consumer and Homemaking Education	67 036	69 118	68 543	64 511	63 020	60 573	54 728	50 698	44 846	46 338
POSTSECONDARY TOTAL	46 854	33 851	46 006	68 139	71 292	75 381	80 130	83 101	93 133	90 040
Agriculture Education	196	198	236	359	366	317	786	767	944	902
Business Education	14 096	12 162	17 334	20 965	24 463	27 291	29 292	32 971	34 121	32 000
Health Occupations Education	10 992	6 789	6 375	11 767	13 576	14 145	16 248	16 106	17 077	17 094
Marketing and Distributive Education	3 165	2 892	4 313	5 658	5 103	5 024	3 183	3 969	6 049	6 338
Occupational Home Economics Education	879	689	968	1 789	1 063	1 096	2 362	2 291	3 059	3 327
Technical Education	11 200	9 409	11 777	14 964	15 769	16 742	18 734	17 659	19 908	20 295
Trade and Industrial Education	6 326	3 712	5 003	12 637	10 805	10 674	8 245	8 080	10 249	8 914
Not Elsewhere Classified	-	-	-	-	147	92	1 280	1 258	1 726	1 170
ADULT TOTAL	95 447	142 420	135 852	94 359	82 577	82 139	81 818	73 936	72 963	80 381
Agriculture Education	5 671	5 671	5 218	5 005	5 327	5 429	5 508	4 758	4 841	4 619
Business Education	19 498	23 106	20 325	15 137	15 306	16 149	21 067	22 157	18 771	26 096
Health Occupations Education	4 668	12 391	15 713	7 488	9 032	9 592	9 056	7 413	5 512	6 643
Marketing and Distributive Education	1 471	2 130	1 790	646	972	1 198	1 467	626	950	880
Occupational Home Economics Education	3 101	2 116	2 182	1 178	1 059	876	2 266	2 902	3 165	2 839
Technical Education	6 239	8 595	6 634	3 531	4 798	5 821	5 686	3 721	3 847	4 217
Trade and Industrial Education	49 189	82 978	78 971	57 324	41 228	39 514	33 908	29 902	33 326	32 962
Not Elsewhere Classified	-	-	-	-	1 479	1 080	368	323	369	423
Consumer and Homemaking Education	5 810	5 433	5 019	4 052	3 376	2 480	2 492	2 334	2 182	1 702

Pennsylvania's total vocational education enrollments for 1985-86 were 351,907. This represented a drop of 12,185 students (3.3 percent) from the 1984-85 figure, and a 20.6 percent decline from the high of 443,220 students reported in 1978-79.

Postsecondary and adult definitions have changed over the years making attempts at comparison misleading.

A new program coding system entitled "A Classification of Instructional Programs" (CIP) was developed at the national level and was implemented in Pennsylvania in 1982-83. As a result of this new coding system, some programs are now included in different program fields. Several programs that were in trade and industrial education prior to 1982-83 are now in occupational home economics education or not elsewhere classified.

FIGURE 1
VOCATIONAL EDUCATION ENROLLMENTS
SECONDARY, ADULT, AND POSTSECONDARY
1976-77 THROUGH 1985-86

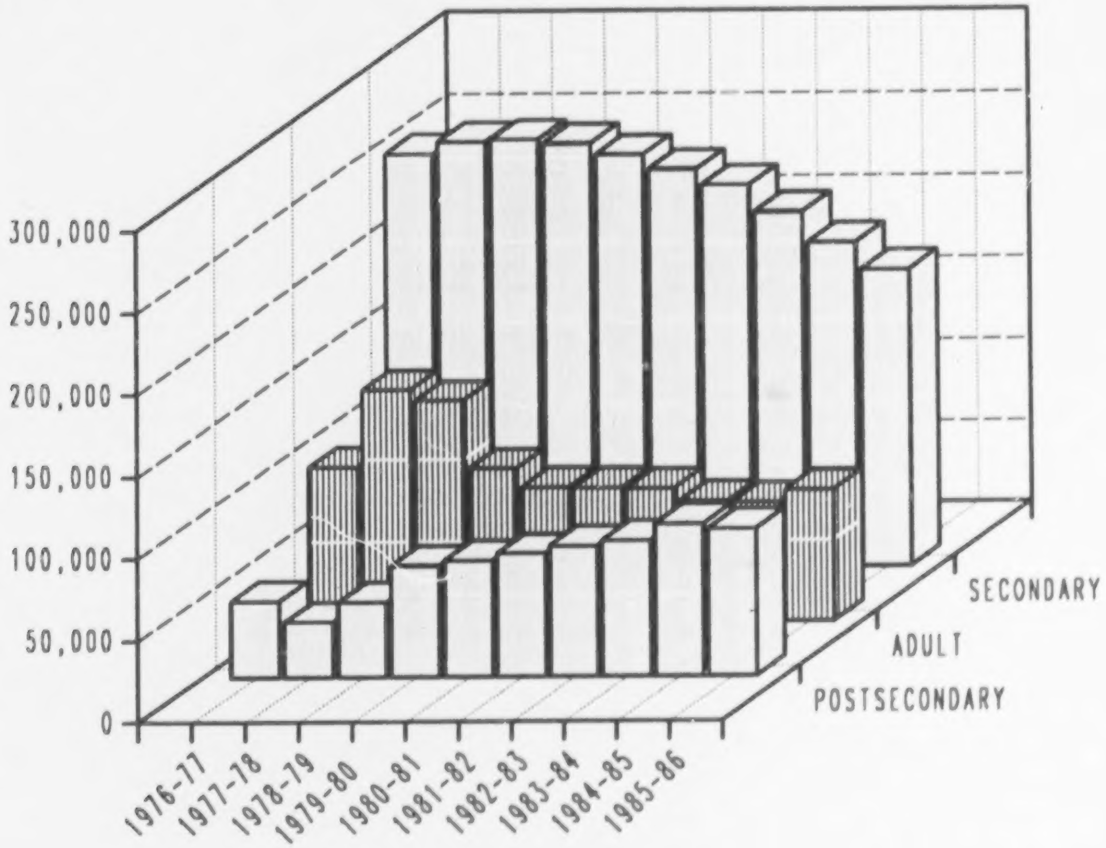


TABLE 2

VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL BY PROGRAM, 1985-86

	Total Enrollment	Secondary	Post-secondary	Adult
GRAND TOTAL	351 907	181 486	90 040	80 381
AGRICULTURE EDUCATION--TOTAL	15 788	10 267	902	4 619
Agricultural mechanics	1 202	1 005	-	197
Agricultural production	11 147	7 273	10	3 864
Agricultural products	68	68	-	-
Agricultural resources	118	118	-	-
Agricultural services and supplies	76	62	-	14
Agricultural technology	39	39	-	-
Forestry production and processing	339	223	54	62
Horticulture	2 381	1 353	575	453
Parks and recreation	37	-	37	-
Wildlife management	111	-	91	20
Other agriculture education	270	126	135	9
BUSINESS EDUCATION--TOTAL	103 204	45 108	32 000	26 096
Accounting, bookkeeping, and related programs	20 526	12 598	5 651	2 277
Banking and related financial programs	1 181	-	1 181	-
Business administration and management	6 806	-	5 147	1 659
Business and management	6 167	-	5 571	596
Business data processing	13 751	1 882	3 631	8 238
Business data programming	3 067	-	2 571	496
Computer and console operation	1 072	4	326	742
Data entry operation	407	-	25	382
General office and related programs	19 741	17 454	497	1 790
Office supervision and management	232	-	232	-
Secretarial and related programs	15 000	12 909	1 476	615
Secretarial, executive	1 819	-	1 810	9
Secretarial, legal	615	-	615	-
Secretarial, medical	1 009	-	960	49
Stenographic	855	-	163	692
Typing and related programs	5 071	-	509	4 562
Word processing	4 056	-	1 222	2 834
Other business education	1 829	261	413	1 155
HEALTH OCCUPATIONS EDUCATION--TOTAL	28 294	4 557	17 094	6 643
Clinical laboratory assisting	146	146	-	-
Dental assisting	1 051	376	342	333
Dental hygiene	253	-	253	-
Dental laboratory technology	165	57	41	67
Diagnostic and treatment services	423	-	399	24
Emergency medical technology	1 646	-	873	773
Health assisting	2 723	2 564	-	159
Health unit coordinating	38	-	38	-

TABLE 2

VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL BY PROGRAM, 1985-86--Continued

	Total Enrollment	Secondary	Post-secondary	Adult
HEALTH OCCUPATIONS EDUCATION--Concluded				
Home health aide	378	121	181	76
Medical assisting	1 230	261	624	345
Medical laboratory technology	709	35	659	15
Medical office management	150	-	150	-
Medical records technology	214	-	214	-
Mental health assisting	363	-	363	-
Mental health technology	539	-	539	-
Nursing (associate degree)	7 094	-	7 094	-
Nursing assisting	1 380	808	136	436
Nursing-related, other	262	-	77	185
Occupational therapy assisting	273	-	273	-
Physical therapy assisting	183	-	183	-
Practical nursing	3 588	-	1 062	2 526
Radiologic (medical) technology	495	-	495	-
Respiratory therapy technology	462	-	428	34
Other health occupations education	4 529	189	2 670	1 670
MARKETING AND DISTRIBUTIVE EDUCATION--TOTAL	13 481	6 263	6 338	880
Apparel and accessories marketing	172	-	172	-
General marketing	936	-	868	68
Hospitality and recreation marketing	113	31	82	-
Institutional management	1 020	-	1 020	-
Insurance marketing	55	-	55	-
Marketing and distribution	5 799	5 524	135	140
Marketing management	528	-	528	-
Real estate	2 094	-	2 094	-
Small business management and ownership	1 446	-	862	584
Transportation and travel marketing	436	57	356	23
Warehouse services marketing	662	622	37	3
Other marketing and distributive education	220	29	129	62
OCCUPATIONAL HOME ECONOMICS EDUCATION--TOTAL	14 585	8 419	3 327	2 839
Baking	736	465	17	254
Chef/cook	687	-	288	399
Child care services	2 079	913	1 125	41
Clothing/textiles management and production	1 549	1 036	80	433
Custodial services	296	132	105	59
Dietetic aide/assisting	366	-	366	-
Food production, management, and services	6 818	5 387	1 241	190
Home furnishings, equipment, and services	893	-	-	893
Institutional/home management services	91	91	-	-
Interior design	224	30	78	116
Power sewing	717	294	27	396
Other occupational home economics education	129	71	-	58

TABLE 2

VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL BY PROGRAM, 1985-86--Continued

	Total Enrollment	Secondary	Post-secondary	Adult
TECHNICAL EDUCATION--TOTAL	31 989	7 477	20 295	4 217
Aeronautical technology	717	-	717	-
Air transportation	416	-	379	37
Architectural design technology	663	155	508	-
Automotive technology	496	-	485	11
Biomedical equipment technology	386	-	386	-
Chemical technology	213	86	67	60
Civil technology	328	56	193	79
Computer and information sciences	3 910	2 539	871	500
Computer programming	1 213	-	383	830
Computer servicing technology	580	128	383	69
Computer technology	379	-	162	217
Construction technology	187	-	187	-
Criminal justice technology	1 154	-	1 136	18
Data processing	895	-	895	-
Drafting and design technology	815	236	444	135
Electrical technology	1 243	522	645	76
Electromechanical technology	516	218	199	99
Electronic technology	7 218	2 273	4 417	528
Engineering technology	513	87	426	-
Environmental control technology	158	82	76	-
Fire control and safety technology	2 081	-	2 081	-
Forest products processing technology	68	-	68	-
Graphic arts technology	511	-	511	-
Industrial production technology	637	22	153	462
Industrial technology	485	-	437	48
Information sciences and systems	375	-	375	-
Legal assisting	572	-	572	-
Manufacturing technology	636	-	5	631
Mechanical design technology	1 075	-	1 057	18
Mechanical drafting/design technology	893	893	-	-
Mining and petroleum technology	205	74	40	91
Nuclear technology	204	-	204	-
Photographic technology	83	-	46	37
Quality control technology	844	-	716	128
Radio/TV production and broadcasting technology	304	-	304	-
Tool and die design technology	81	43	-	38
Welding technology	191	-	191	-
Other technology education	744	63	576	105
TRADE AND INDUSTRIAL EDUCATION--TOTAL	89 247	47 371	8 914	32 962
Aircraft mechanics	179	49	45	85
Appliance repair	565	484	-	81
Audio-visual communications	953	266	-	687
Automotive body repair	4 456	3 599	110	747

TABLE 2

VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL BY PROGRAM, 1985-86--Continued

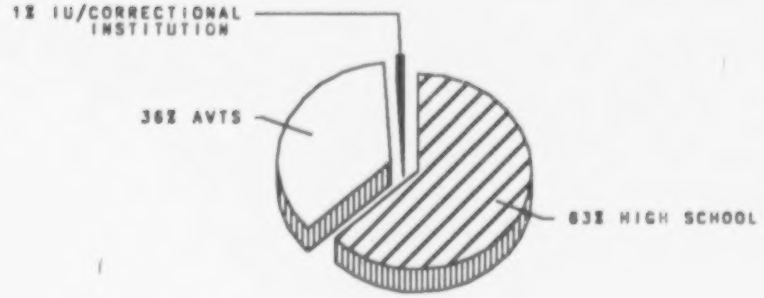
	Total Enrollment	Secondary	Post-secondary	Adult
TRADE AND INDUSTRIAL EDUCATION--Concluded				
Automotive mechanics	8 628	5 785	113	2 730
Automotive repair, other	2 444	998	31	1 415
Building and property maintenance	558	18	415	125
Building construction occupations	1 147	1 074	-	73
Building trades maintenance	1 971	1 842	-	129
Carpentry	6 657	4 141	351	2 165
Commercial art	2 502	1 644	350	508
Commercial photography	582	28	216	338
Communication electronics	993	841	-	152
Computer electronics	185	-	185	-
Construction trades, other	709	-	490	219
Cosmetology	6 711	6 200	139	372
Criminal justice	1 050	94	885	71
Diesel engine mechanics	1 025	797	129	99
Drafting occupations	3 328	1 392	1 160	776
Electrical and electronics equipment repair	286	79	11	196
Electrical and power transmission installation	5 757	2 545	321	2 891
Electronics	1 259	342	80	837
Firefighting	2 023	-	514	1 509
Furniture making	135	-	21	114
Graphic and printing communications	3 448	1 917	180	1 351
Heating	816	198	280	338
Heating, air conditioning, and refrigeration	1 862	805	165	892
Industrial equipment maintenance and repair	1 137	276	319	542
Journalism	97	-	97	-
Machine shop	6 039	2 846	729	2 464
Masonry and masonry occupations	2 240	1 679	24	537
Material handling	61	-	51	10
Meatcutting	89	84	-	5
Mechanics and repairers, other	1 606	-	-	1 606
Metalworking occupations	765	407	101	257
Millwork and cabinet making	2 561	1 204	22	1 335
Painting and decorating	439	313	-	126
Plumbing and pipefitting	2 352	1 121	205	1 026
Refrigeration	705	-	82	623
Sheet metal	520	349	85	86
Shoe and boot repair	128	110	-	18
Small engine repair	1 354	568	41	745
Stationary energy sources occupations	49	-	26	23
Tool and die making	793	100	265	428
Trade and industrial supervision and management	379	-	208	171
Upholstering	642	307	23	312
Vehicle and equipment operation	131	-	8	123
Welding	5 006	2 378	230	2 398
Woodworking, other	886	-	32	854
Other trade and industrial education	1 039	491	175	373

TABLE 2

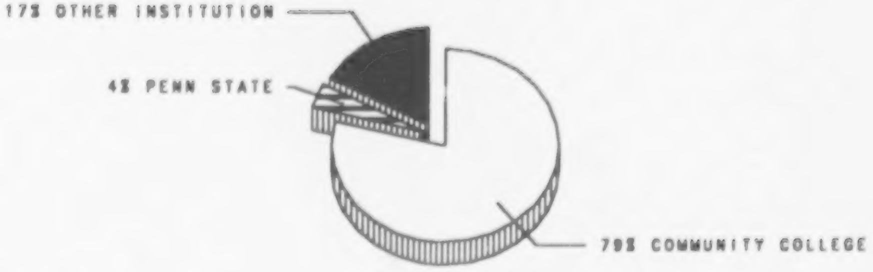
VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL BY PROGRAM, 1985-86--Concluded

	Total Enrollment	Secondary	Post-secondary	Adult
NOT ELSEWHERE CLASSIFIED--TOTAL	7 279	5 686	1 170	423
Diversified occupations	3 198	3 198	-	-
Pre-elementary education	636	-	636	-
Public administration	124	-	124	-
Other not elsewhere classified	3 321	2 488	410	423
CONSUMER AND HOMEMAKING EDUCATION--TOTAL	48 040	46 338	-	1 702
Child development	54	32	-	22
Clothing and textiles	808	168	-	640
Comprehensive home economics	46 029	46 029	-	-
Consumer education	174	-	-	174
Family/individual health	41	-	-	41
Family living and parenthood	69	-	-	69
Food and nutrition	751	109	-	642
Housing and home furnishings	114	-	-	114

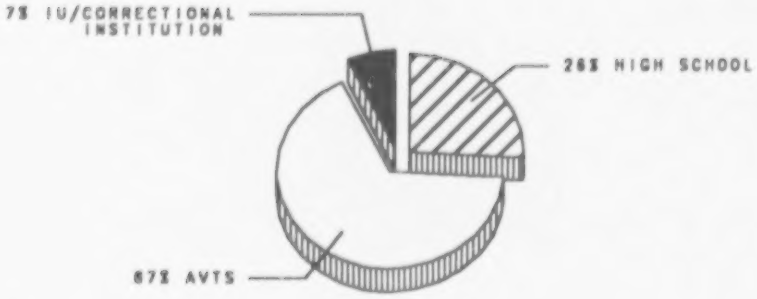
FIGURE 2
VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL BY TYPE OF INSTITUTION
1985-86



SECONDARY



POSTSECONDARY



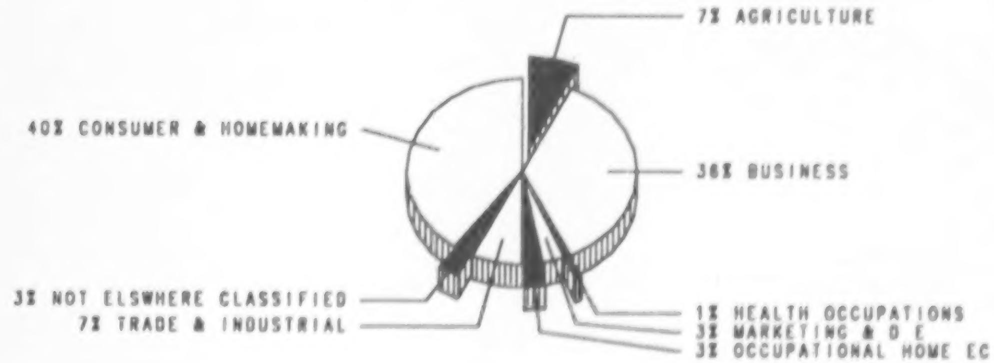
ADULT

TABLE 3

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM FIELD, 1985-86

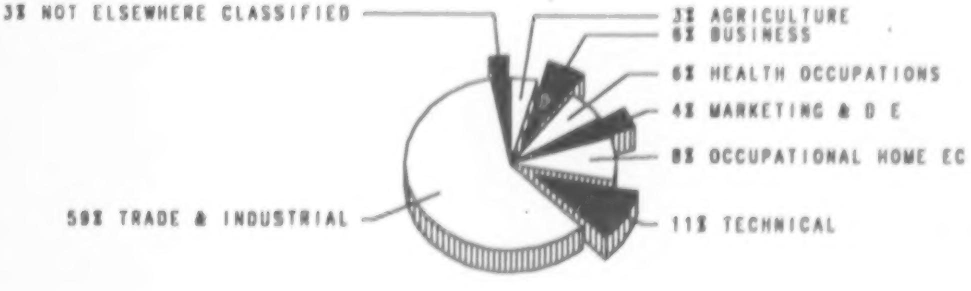
	Total	High School	AVTS	Intermediate Unit	Correctional Institution
SECONDARY TOTAL	181 486	114 505	65 729	851	401
Agriculture Education	10 267	7 832	2 384	51	-
Business Education	45 108	41 196	3 901	11	-
Health Occupations Education	4 557	800	3 757	-	-
Marketing and Distributive Education	6 263	3 509	2 727	27	-
Occupational Home Economics Education	8 419	3 150	5 201	31	37
Technical Education	7 477	489	6 988	-	-
Trade and Industrial Education	47 371	8 320	38 617	70	364
Not Elsewhere Classified	5 686	2 871	2 154	661	-
Consumer and Homemaking Education	46 338	46 338	-	-	-

FIGURE 3
SECONDARY VOCATIONAL EDUCATION ENROLLMENTS
HIGH SCHOOL VS AVTS BY PROGRAM FIELD
1985-86



HIGH SCHOOL

Technical education is not shown because it represents less than one percent of the total high school enrollment.



AVTS

FIGURE 4
POSTSECONDARY VOCATIONAL EDUCATION
ENROLLMENTS BY STUDENT TYPE
1985-86

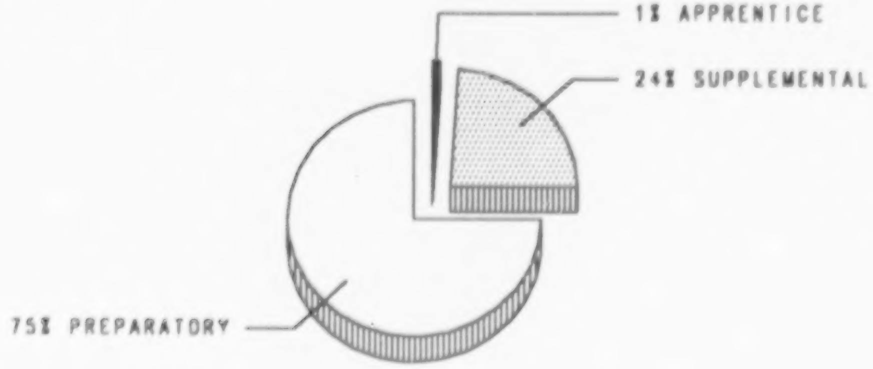


FIGURE 5
ADULT VOCATIONAL EDUCATION
ENROLLMENTS BY STUDENT TYPE
1985-86

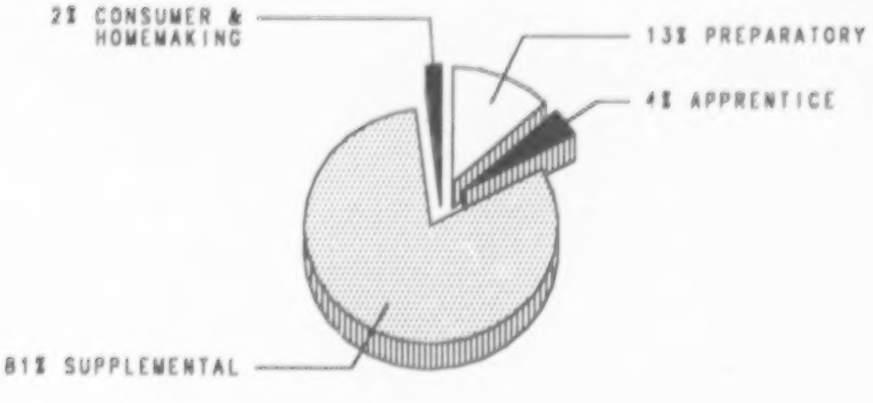


TABLE 6

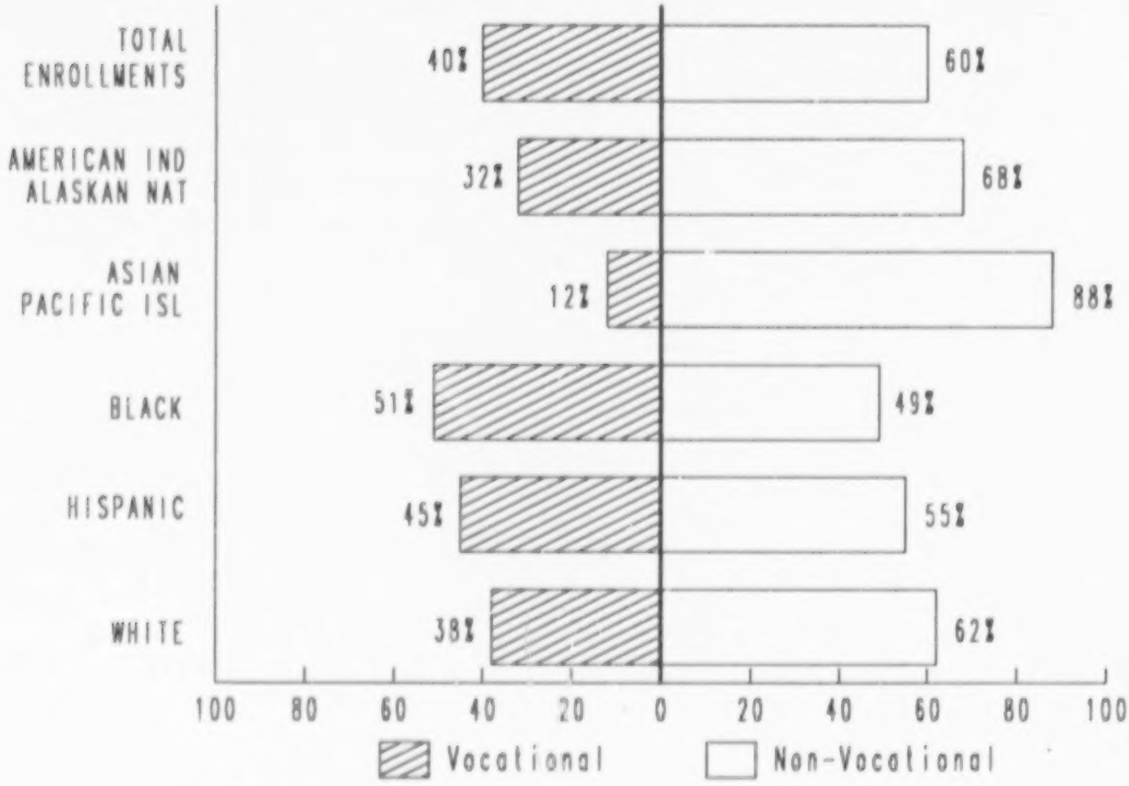
VOCATIONAL EDUCATION ENROLLMENTS BY RACE BY LEVEL AND PROGRAM FIELD, 1985-86

	Total	American Indian or Alaskan Native	Asian or Pacific Islander	Black, Not of Hispanic Origin	Hispanic	Nonresident Alien	White, Not of Hispanic Origin
GRAND TOTAL	351 887	378	2 033	40 299	4 773	129	304 275
SECONDARY TOTAL	181 466	130	614	26 985	3 249	-	150 488
Agriculture Education	10 267	6	5	384	34	-	9 838
Business Education	45 136	55	138	7 381	733	-	36 829
Health Occupations Education	4 557	6	26	851	137	-	3 537
Marketing and Distributive Education	8 263	8	13	1 152	154	-	6 936
Occupational Home Economics Education	8 419	7	36	2 505	229	-	5 642
Technical Education	7 477	7	37	982	127	-	6 324
Trade and Industrial Education	67 371	40	206	7 046	1 895	-	58 184
Not Elsewhere Classified	5 686	3	24	538	179	-	4 942
Consumer and Homemaking Education	46 358	20	159	6 144	581	-	39 454
POSTSECONDARY TOTAL	90 040	180	1 056	7 855	834	129	79 986
Agriculture Education	902	4	2	11	-	4	881
Business Education	32 000	87	301	3 859	373	67	27 313
Health Occupations Education	17 096	18	97	933	106	18	15 924
Marketing and Distributive Education	6 338	13	50	591	55	4	5 625
Occupational Home Economics Education	3 327	5	92	350	41	1	2 838
Technical Education	20 295	32	346	1 362	184	50	18 321
Trade and Industrial Education	8 916	21	115	691	68	5	8 016
Not Elsewhere Classified	1 170	-	3	130	7	-	1 030
ADULT TOTAL	80 381	68	363	5 459	690	-	73 801
Agriculture Education	4 619	1	2	17	6	-	4 593
Business Education	26 096	14	107	2 559	226	-	23 190
Health Occupations Education	6 643	8	26	397	64	-	6 148
Marketing and Distributive Education	880	-	4	18	6	-	852
Occupational Home Economics Education	2 859	2	30	478	66	-	2 283
Technical Education	4 217	15	26	171	11	-	3 994
Trade and Industrial Education	32 962	28	163	1 710	306	-	30 755
Not Elsewhere Classified	423	-	-	19	3	-	401
Consumer and Homemaking Education	1 702	2	5	90	2	-	1 603

The percentage breakdowns of vocational education enrollments by race are: 86.46 White, not of Hispanic origin; 11.45 Black, not of Hispanic origin; 1.36 Hispanic; 0.58 Asian or Pacific Islander; 0.11 American Indian or Alaskan Native; and 0.04 nonresident alien.

Minorities (excludes nonresident aliens) account for 13.50 percent of vocational education enrollments. The percents of minority enrollments by program vary considerably: 2.99 agriculture education; 15.33 business education; 9.43 health occupations education; 15.31 marketing and distributive education; 26.06 occupational home economics education; 10.31 technical education; 12.87 trade and industrial education; 12.45 not elsewhere classified; and 14.54 consumer and homemaking education.

FIGURE 6
PUBLIC SECONDARY ENROLLMENTS BY RACE
VOCATIONAL VS NON-VOCATIONAL[1]
1985-86



[1] Includes 10th, 11th, and 12th grades only.

TABLE 5

VOCATIONAL EDUCATION ENROLLMENTS BY SEX BY LEVEL AND PROGRAM FIELD, 1985-86

	Total	Female	Male
GRAND TOTAL	351 907	185 952	165 955
SECONDARY TOTAL	181 486	102 349	79 137
Agriculture Education	10 267	2 241	8 026
Business Education	45 108	36 577	8 531
Health Occupations Education	4 557	4 348	209
Marketing and Distributive Education	6 263	3 988	2 275
Occupational Home Economics Education	8 419	5 712	2 707
Technical Education	7 477	1 949	5 528
Trade and Industrial Education	47 371	9 296	38 075
Not Elsewhere Classified	5 686	2 383	3 303
Consumer and Homemaking Education	46 338	35 855	10 483
POSTSECONDARY	90 040	48 876	41 164
Agriculture Education	902	418	484
Business Education	32 000	21 614	10 386
Health Occupations Education	17 094	14 540	2 554
Marketing and Distributive Education	6 338	3 567	2 771
Occupational Home Economics Education	3 327	2 294	1 033
Technical Education	20 295	4 055	16 240
Trade and Industrial Education	8 914	1 470	7 444
Not Elsewhere Classified	1 170	918	252
ADULT	80 381	34 727	45 654
Agriculture Education	4 619	659	3 960
Business Education	26 096	18 046	8 050
Health Occupations Education	6 643	5 397	1 246
Marketing and Distributive Education	880	488	392
Occupational Home Economics Education	2 839	2 439	400
Technical Education	4 217	1 208	3 009
Trade and Industrial Education	32 962	4 848	28 114
Not Elsewhere Classified	423	106	317
Consumer and Homemaking Education	1 702	1 536	166

Females account for 52.8 percent of the total vocational education enrollment and 48.9 percent of the occupational enrollment. Although sex equity efforts have contributed to an increase in females and males in nontraditional areas, the overall enrollment picture is still aligned according to the traditional female/male roles.

FIGURE 7
SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY GRADE
1985-86

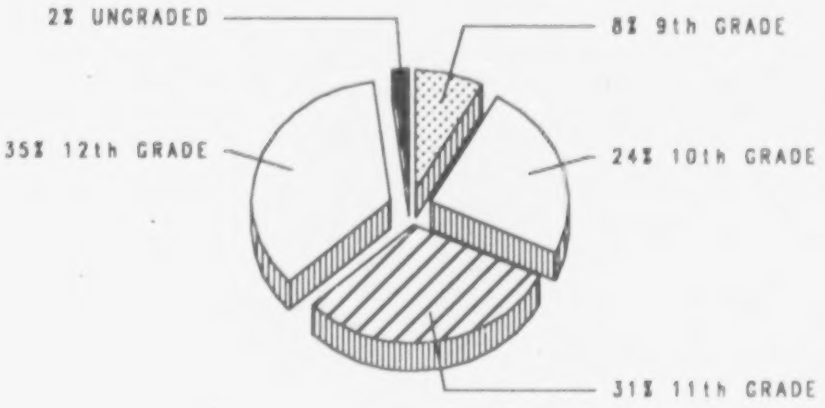
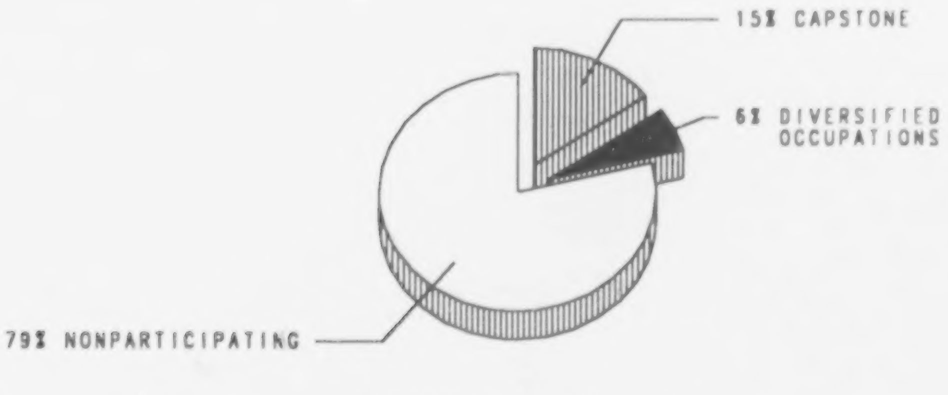


FIGURE 8
SECONDARY COOPERATIVE EDUCATION AS A PERCENT OF OCCUPATIONAL ENROLLMENTS
1985-86



Twelfth Grade Students

TABLE 6

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY SPECIAL NEEDS BY PROGRAM FIELD, 1985-86

	Handicapped	Disadvantaged 2/	Limited English Proficiency
SECONDARY TOTAL 1/	15 868	52 125	1 342
Agriculture Education	1 045	2 950	7
Business Education	985	12 704	422
Health Occupations Education	393	1 551	41
Marketing and Distributive Education	521	2 049	73
Occupational Home Economics Education	1 811	3 231	67
Technical Education	251	2 138	59
Trade and Industrial Education	6 515	15 499	449
Not Elsewhere Classified	1 733	1 103	44
Consumer and Homemaking Education	2 614	10 900	180

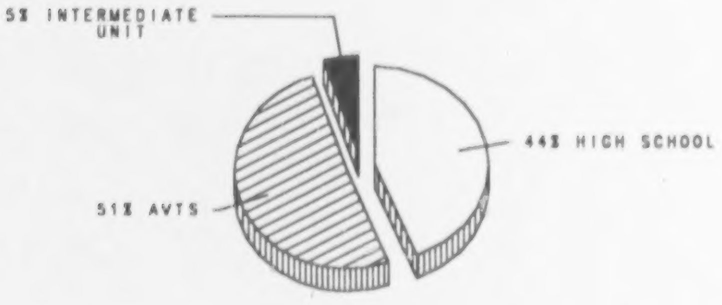
1/ Does not include enrollments in correctional institutions.

2/ Includes limited English proficiency enrollments.

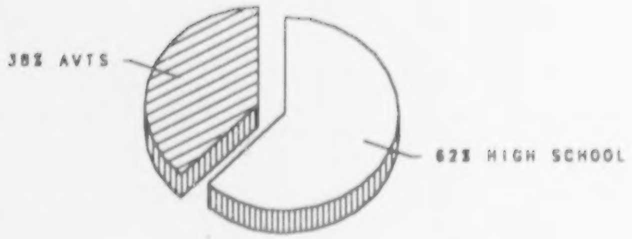
Of the 181,085 students (excluding 401 in correctional institutions) being served by vocational education at the secondary level, 8.8 percent are handicapped, 28.8 percent are disadvantaged, and 0.7 percent have limited English proficiency.

Special needs students may be enrolled in a separate vocational education program or in a mainstream program with regular students. In 1985-86, 77.4 percent of the handicapped, 97.8 percent percent of the disadvantaged, and 92.2 percent of the limited English proficiency students were in a mainstream program.

FIGURE 9
SECONDARY VOCATIONAL EDUCATION
SPECIAL NEEDS ENROLLMENTS BY TYPE OF INSTITUTION
1985-86

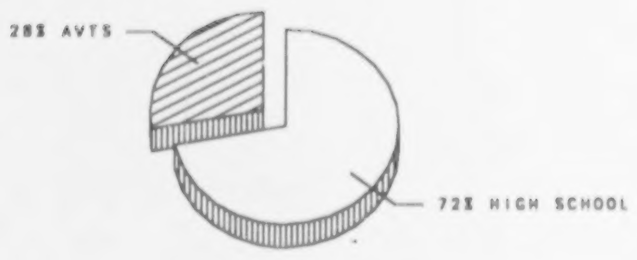


HANDICAPPED



DISADVANTAGED

Intermediate Unit is not shown because it represents less than one percent of the total.



LIMITED ENGLISH PROFICIENCY

TABLE 7

JOB TRAINING PARTNERSHIP ACT (JTPA)
EDUCATION SECTION ENROLLMENTS AND COMPLETERS BY PROGRAM FIELD, 1985-86 1/

	Enrollments	Completers
GRAND TOTAL	13 376	8 712
AGRICULTURE EDUCATION--TOTAL	6	1
Horticulture	4	1
Other agriculture education	2	-
BUSINESS EDUCATION--TOTAL	1 031	724
Accounting, bookkeeping, and related programs	65	40
Business data processing and related programs	38	31
Business data programming	44	14
Computer and console operation	90	59
Data entry operation	154	107
General office and related programs	150	116
Secretarial and related programs	157	122
Secretarial, legal	17	16
Secretarial, medical	114	75
Stenographic	46	22
Word processing	102	83
Other business education	54	39
HEALTH OCCUPATIONS EDUCATION--TOTAL	1 666	1 085
Dental services	76	49
Diagnostic and treatment services	56	21
Medical assisting	79	67
Medical laboratory technology	36	18
Mental health/human services	87	83
Nursing	164	68
Nursing-related services	262	208
Practical nursing	863	539
Other health occupations education	43	32
MARKETING AND DISTRIBUTIVE EDUCATION--TOTAL	32	27
General marketing	10	9
Hotel/motel management	20	16
Other marketing and distributive education	2	2

TABLE 7

JOB TRAINING PARTNERSHIP ACT (JTPA)
EDUCATION SECTION ENROLLMENTS AND COMPLETERS BY PROGRAM FIELD, 1985-86 1/--Concluded

	Enrollments	Completers
OCCUPATIONAL HOME ECONOMICS EDUCATION--TOTAL	334	248
Child care services	14	11
Food production, management, and services	275	205
Institutional/home management services	42	32
Other occupational home economics education	3	-
TECHNICAL EDUCATION--TOTAL	441	289
Computer and information sciences	50	22
Data processing	143	119
Electrical and electronic technology	151	93
Electromechanical instrumentation & maintenance technology	49	30
Other technology education	48	25
TRADE AND INDUSTRIAL EDUCATION--TOTAL	840	568
Building and property maintenance	118	86
Carpentry	32	20
Construction trades	35	11
Cosmetology	13	6
Drafting occupations	62	38
Electrical and electronics equipment repair	82	54
Electrical and power transmission installation	16	13
Heating, air conditioning, and refrigeration mechanics	63	50
Industrial equipment maintenance and repair	68	45
Machine shop	85	63
Vehicle and equipment operation	26	23
Vehicle and mobile equipment mechanics and repair	136	93
Welding	24	16
Other trade and industrial education	80	50
NOT ELSEWHERE CLASSIFIED--TOTAL	9 026	5 770
Adult basic education	4 121	2 712
English as a second language	325	239
General educational development	4 580	2 819

1/ This information is not included in other tables.

Source: Bureau of Vocational and Adult Education

TABLE 8

EMPLOYMENT STATUS FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS BY LEVEL, PROGRAM FIELD, AND SELECTED PROGRAMS, 1984-85

	Completers 1/	Percent of Respondents						
		Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 2/	Unemployed Looking	Unemployed Not Looking
GRAND TOTAL	72 989	37.9	23.1	5.3	20.7	87.0	8.9	4.1
SECONDARY TOTAL	68 391	33.1	23.0	6.9	24.4	87.4	9.5	3.1
Agriculture Education	2 379	30.5	29.6	10.1	15.6	85.8	11.1	3.1
Agriculture mechanics	197	27.7	30.8	15.9	14.9	89.3	9.6	1.1
Agriculture production	1 456	33.3	27.8	11.3	15.2	87.6	10.0	2.4
Horticulture	506	28.1	32.8	3.7	13.3	77.9	15.5	6.6
Business Education	18 565	31.1	19.7	2.8	34.4	88.0	8.6	3.4
Accounting, bkkg., and related programs	5 418	18.3	22.0	3.8	44.8	88.9	8.0	3.1
Business data processing	801	28.0	24.0	6.7	30.9	87.6	9.2	3.2
General office and related programs	6 538	29.2	21.4	3.7	30.6	84.9	10.3	4.8
Secretarial and related programs	5 789	44.0	15.8	1.0	29.3	90.1	7.6	2.3
Health Occupations Education	1 753	34.5	18.8	2.6	28.9	84.6	9.9	5.5
Dental assisting	175	48.4	21.6	2.1	18.6	90.7	7.2	2.1
Health assisting	989	39.7	18.4	2.2	27.6	87.7	6.9	5.4
Nursing assisting	284	20.0	18.1	2.9	27.6	68.6	23.8	7.6
Marketing and Distributive Education	2 686	40.1	19.1	6.8	19.2	83.2	12.3	4.5
Marketing and distribution	2 423	41.4	18.4	6.2	19.9	83.9	11.7	4.4
Warehouse services marketing	211	35.0	25.8	9.3	6.2	76.3	20.6	3.1
Occupational Home Economics Education	2 468	34.2	21.5	5.0	15.8	76.5	16.8	6.7
Child care services	308	17.3	25.9	1.6	32.4	77.0	18.7	4.3
Clothing/textiles management and production	277	18.6	32.4	1.0	16.7	68.7	23.5	7.8
Food production, management, and services	1 602	41.4	16.6	6.6	12.2	76.8	15.9	7.3
Technical Education	2 715	22.2	20.5	12.0	37.3	92.0	6.2	1.8
Computer and information sciences	1 026	27.8	22.6	6.8	32.4	89.6	7.6	2.8
Electronic technology	834	13.4	18.6	19.3	43.8	95.1	4.5	0.4
Mechanical drafting/design technology	341	19.1	19.7	15.0	56.4	90.2	7.5	2.3
Trade and Industrial Education	14 922	36.2	27.3	11.6	13.0	88.1	9.8	2.1
Appliance repair	181	16.7	43.6	17.9	7.7	85.9	9.0	5.1
Automotive body repair	1 104	37.8	31.3	10.9	7.7	87.7	11.3	1.0
Automotive mechanics	1 811	39.0	25.7	13.6	11.8	90.1	9.1	0.8
Building construction occupations	237	35.8	34.0	9.6	10.4	89.6	9.4	1.0
Building trades maintenance	501	29.2	32.5	10.7	10.7	83.1	15.2	1.7
Carpentry	1 367	45.9	21.5	14.5	9.2	91.1	8.3	0.6
Commercial art	453	10.9	33.8	7.0	35.3	87.0	9.0	4.0
Communication electronics	204	15.9	28.0	12.2	32.9	89.0	9.8	1.2
Cosmetology	1 913	45.4	27.9	1.6	9.1	83.8	9.2	7.0
Diesel engine mechanics	269	37.6	20.6	21.3	16.3	95.8	3.5	0.7
Drafting occupations	417	20.5	23.8	19.5	25.9	89.7	9.2	1.1
Electrical & power transmission installation	908	30.7	26.7	18.0	18.7	94.1	5.9	-
Graphic and printing communications	696	32.8	28.8	7.6	16.5	85.7	11.5	2.8
Heating, air conditioning, and refrigeration	277	30.5	26.6	20.3	10.9	88.3	10.1	1.6
Machine shop	1 082	40.1	28.7	10.1	11.9	90.8	7.8	1.4
Masonry and masonry occupations	518	35.0	27.5	18.3	9.2	90.0	10.0	-
Millwork and cabinet making	342	28.6	37.4	14.3	8.1	88.4	10.9	0.7
Plumbing and pipefitting	369	38.9	20.3	16.8	10.2	86.2	12.6	1.2
Welding	811	37.1	25.6	14.9	8.0	85.6	12.8	1.6
Not Elsewhere Classified	2 903	37.4	27.7	8.2	17.6	90.9	6.2	2.9
Diversified occupations	2 903	37.4	27.7	8.2	17.6	90.9	6.2	2.9
POSTSECONDARY TOTAL	15 106	63.1	12.2	0.5	16.5	90.3	6.3	3.4
Agriculture Education	197	74.4	11.7	2.3	9.3	97.7	-	2.3
Business Education	4 296	54.8	15.5	0.5	17.5	88.3	7.0	4.7
Accounting, bkkpg., and related programs	538	57.4	9.2	-	14.9	81.5	13.5	5.0
Business administration and management	1 159	45.7	13.3	1.3	29.8	90.1	6.5	3.4
Business data processing	588	53.1	20.9	-	15.8	89.8	5.7	4.5
Secretarial, steno., and related programs	937	74.2	13.3	-	5.1	92.6	3.7	3.7

TABLE 8

EMPLOYMENT STATUS FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS BY LEVEL, PROGRAM FIELD, AND SELECTED PROGRAMS, 1984-85--Concluded

	Completers 1/	Percent of Respondents						
		Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 2/	Unemployed Looking	Unemployed Not Lookin
POSTSECONDARY--Concluded								
Health Occupations Education	3 395	83.9	4.3	0.4	4.6	93.2	3.4	3.4
Nursing (associate degree)	1 422	90.8	0.7	-	3.9	95.4	0.9	3.7
Marketing and Distributive Education	887	56.2	13.9	-	17.4	87.5	6.9	5.6
Occupational Home Economics Education	1 049	51.2	8.1	-	13.4	72.7	22.7	4.6
Technical Education	3 227	59.6	15.0	0.8	19.6	95.0	4.2	0.8
Electrical technology	475	56.9	12.0	-	26.3	95.2	4.8	-
Electronic technology	640	52.4	20.2	-	20.2	92.8	6.4	0.8
Mechanical design technology	271	53.1	10.2	3.4	29.2	95.9	2.7	1.4
Trade and Industrial Education	1 892	61.7	12.2	0.4	8.8	83.1	12.2	4.7
Not Elsewhere Classified	163	42.9	15.9	-	31.7	90.5	1.6	7.9
ADULT TOTAL	9,492	41.8	32.6	0.6	6.3	81.3	8.5	10.2
Agriculture Education	194	33.0	40.6	-	4.4	78.0	4.4	17.6
Horticulture	134	20.5	46.6	-	5.5	72.6	5.5	21.9
Business Education	1 807	37.5	34.9	0.1	6.9	79.4	9.6	11.0
Accounting, bkkg., and related programs	305	34.5	36.3	-	5.4	76.2	10.1	13.7
Business data processing	183	44.6	29.7	-	6.9	81.2	11.9	6.9
Typing and related programs	432	33.3	42.8	0.5	6.3	82.9	7.2	9.9
Word processing	316	33.9	39.4	-	5.0	78.3	12.8	8.9
Health Occupations Education	1 578	71.6	11.6	0.4	5.0	88.2	4.4	7.4
Medical assisting	156	35.4	40.0	-	4.6	80.0	9.2	10.8
Nursing assisting	166	48.2	15.7	1.2	10.8	75.9	10.8	13.3
Practical nursing	912	86.6	2.7	0.3	3.0	92.6	2.7	4.7
Marketing and Distributive Education	265	24.6	34.6	-	6.4	65.6	9.8	24.6
Occupational Home Economics Education	792	23.6	26.2	1.3	7.1	58.2	22.7	19.1
Power sewing	343	20.2	16.7	1.2	14.3	52.4	28.6	19.0
Technical Education	995	38.6	38.6	0.4	7.4	85.0	8.0	7.0
Computer and information sciences	319	32.3	48.5	-	5.4	86.2	6.6	7.2
Computer programming	210	44.2	36.9	0.9	8.1	90.1	4.5	5.4
Electronic technology	135	32.9	35.7	1.4	14.3	84.3	10.0	5.7
Trade and Industrial Education	3 861	32.7	41.1	1.1	6.5	81.4	8.5	10.1
Automotive body repair	170	9.3	60.0	2.7	10.7	82.7	9.3	8.0
Automotive mechanics	322	19.1	48.7	0.9	13.9	82.6	8.7	8.7
Carpentry	223	24.6	35.4	3.5	6.4	69.9	9.7	20.4
Commercial Art	119	14.8	38.9	-	14.8	68.5	5.6	25.9
Electrical & power transmission installation	336	39.3	47.8	2.1	3.6	92.8	4.3	2.9
Electronics	186	48.3	26.4	-	14.3	89.0	11.0	-
Graphics and printing communications	260	29.3	48.0	-	6.5	83.8	3.2	13.0
Machine shop	342	40.8	34.3	3.0	7.7	85.8	8.9	5.3
Small engine repair	117	13.1	52.5	-	1.6	67.2	3.3	29.5
Welding	567	42.0	34.3	-	3.7	80.0	13.5	6.5

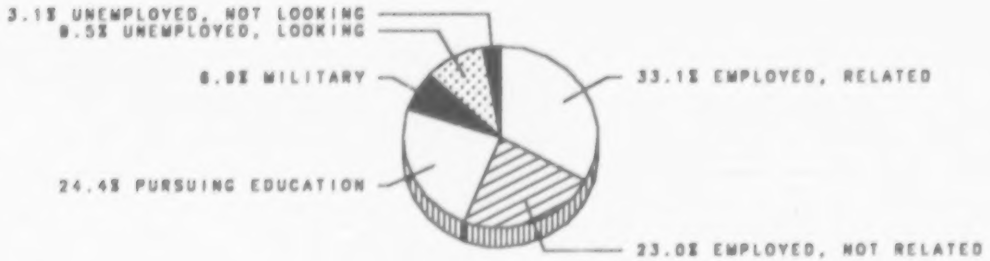
1/ The sum of the program totals will not equal the program field total since only selected programs are listed.

2/ "Total gainfully placed" includes "employed related to training," "employed not related to training," "military service," and "pursuing addition education."

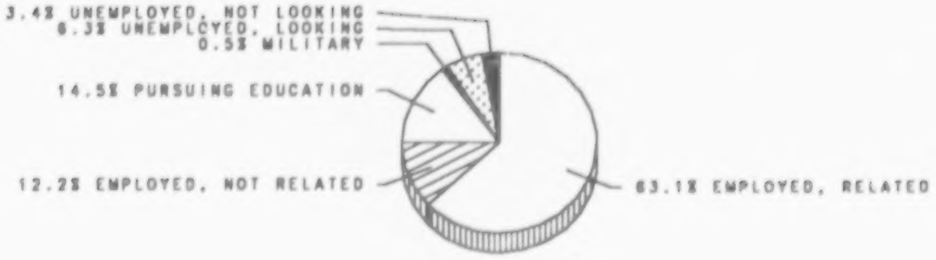
The employment status follow-up of vocational education completers from the 1984-85 school year was conducted during the summer of 1986. The secondary response rate was 48.5 percent; postsecondary, 62.9 percent; adult, 49.5 percent. At the postsecondary level, a sampling plan is used; therefore, 32 of the 91 postsecondary institutions were included in this follow-up.

A student is counted in only one of the employment status categories. A student who is "pursuing additional education" and either "employed not related to training," "unemployed looking," or "unemployed not looking" is counted as "pursuing additional education." A student who is "pursuing additional education" and "employed related to training" is counted as "employed related to training"; a student who is "pursuing additional education" and "military service" is counted as "military service."

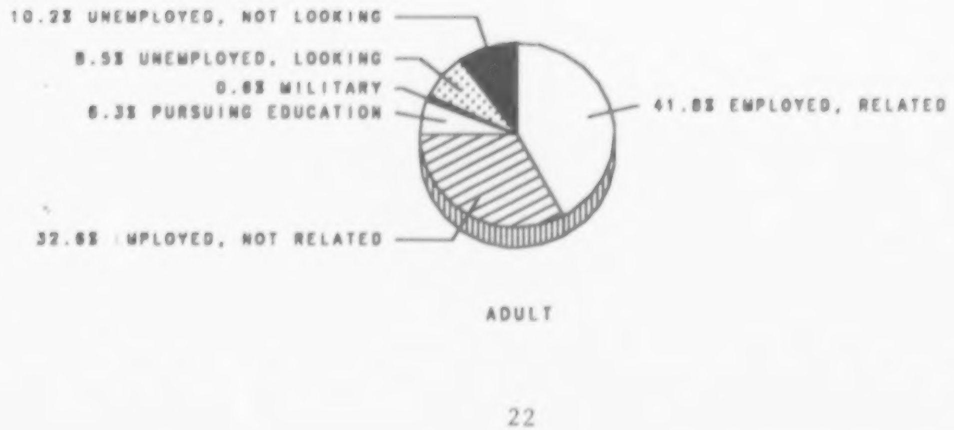
FIGURE 10
EMPLOYMENT STATUS FOLLOW-UP
OF VOCATIONAL EDUCATION COMPLETERS BY LEVEL
1984-85



SECONDARY



POSTSECONDARY



ADULT

TABLE 9

AVERAGE SALARY OF VOCATIONAL EDUCATION COMPLETERS BY SEX BY LEVEL AND PROGRAM FIELD
1984-85

	Average Hourly Salary	
	Female	Male
SECONDARY	$ 4.69	$ 5.45
Agriculture Education	4.23	4.81
Business Education	4.91	4.87
Health Occupations Education 1/	4.52	5.31
Marketing and Distributive Education	4.21	4.70
Occupational Home Economics Education	3.70	4.57
Technical Education	4.87	5.49
Trade and Industrial Education	4.27	5.63
Not Elsewhere Classified	4.45	5.32
POSTSECONDARY	7.23	8.34
Agriculture Education 2/	9.50	7.81
Business Education	6.31	8.08
Health Occupations Education	8.31	9.11
Marketing and Distributive Education 1/ 2/	5.09	8.28
Occupational Home Economics Education 1/ 2/	4.73	6.05
Technical Education	7.88	8.73
Trade and Industrial Education 2/	7.01	7.29
Not Elsewhere Classified 3/	4.02	5.20
ADULT	6.42	9.01
Agriculture Education 3/	4.10	5.72
Business Education	5.96	10.40
Health Occupations Education	6.44	7.17
Marketing and Distributive Education 3/	10.07	9.01
Occupational Home Economics Education 1/ 2/	4.94	4.60
Technical Education	7.76	9.00
Trade and Industrial Education	7.59	9.25

1/ Less than 30 male respondents.

2/ Less than 30 female respondents.

3/ Less than 30 respondents.

The average hourly salary was computed from salaries reported by student follow-up respondents employed 35 or more hours per week in a field related to their training.

TABLE 10

SUPPORT FOR VOCATIONAL EDUCATION BY SOURCE BY SELECTED YEARS

(Based in Thousands of Dollars)

Fiscal Year	Total	Local 1/	State 1/	Federal 2/
1963-64	$ 12 325	$ 7 578	$ 1 982	$ 2 765
1966-67	65 580	28 364	23 412	13 804
1969-70	112 814	58 195	34 927	19 692
1972-73	173 407	91 330	53 671	28 406
1975-76	259 681	157 940	73 672	28 069
1977-78	301 704	122 515	148 734	30 455
1979-80	348 843	116 773	198 242	33 828
1981-82	390 666	114 634	242 207	33 825
1983-84	430 145	123 907	270 320	35 918
1985-86	442 884	118 518	284 223	40 143

1/ Expenditures
2/ Grant allotment

Source: Bureau of Basic Education Fiscal Administration

FIGURE 11
SUPPORT FOR VOCATIONAL EDUCATION
BY SOURCE BY SELECTED YEARS

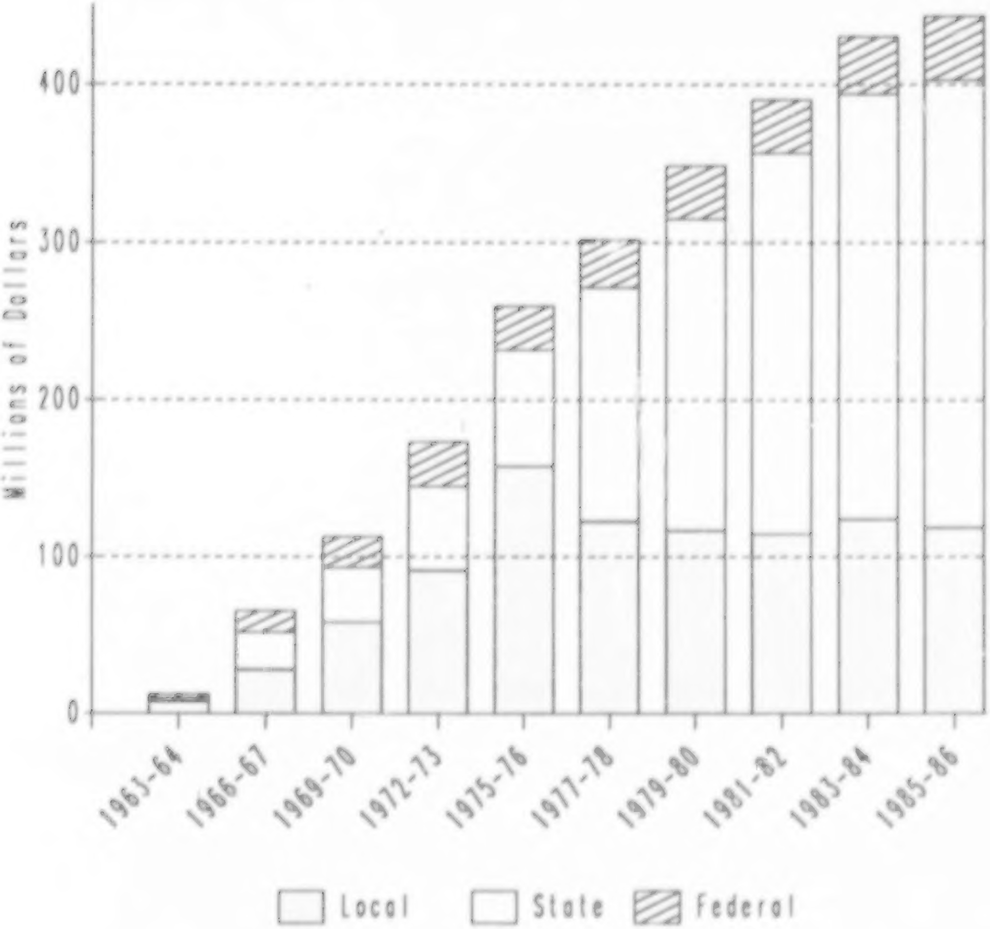


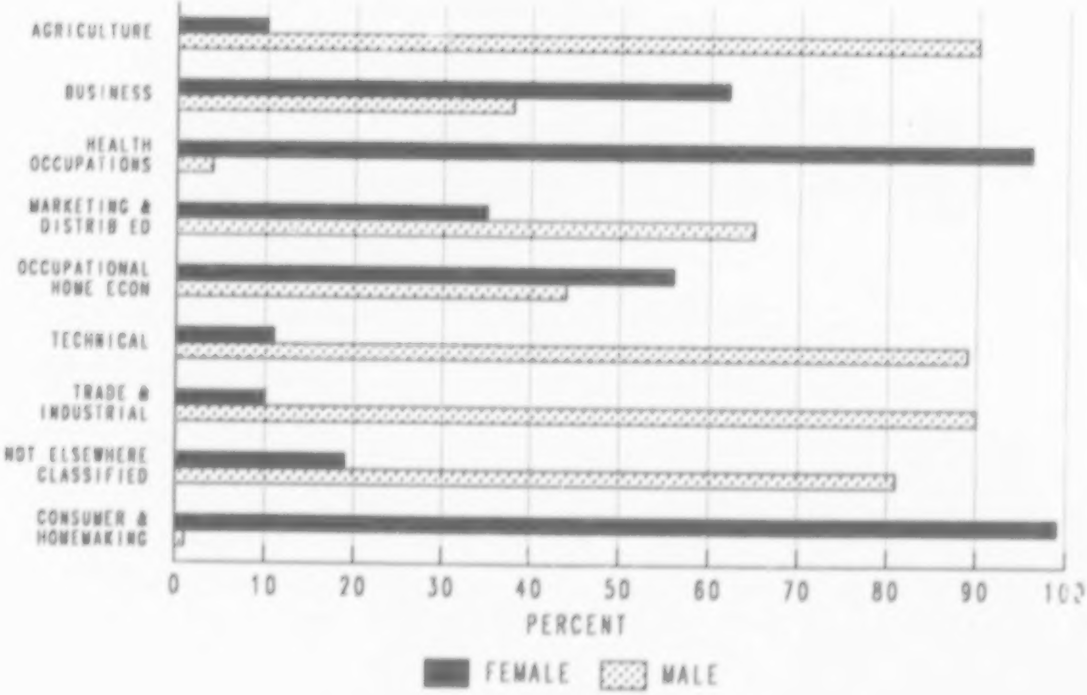
TABLE 11

NUMBER OF SECONDARY VOCATIONAL EDUCATION TEACHERS BY AGE BY PROGRAM FIELD, 1985-86

	Total	Age Groups				
		21-30	31-40	41-50	51-60	Over 60
TOTAL TEACHERS 1/	6 142	538	1 886	1 765	1 489	464
Agriculture Education	311	78	116	69	43	5
Business Education	2 466	193	748	833	541	151
Health Occupations Education	150	6	36	50	47	11
Marketing and Distributive Education	167	12	56	43	36	20
Occupational Home Economics Education	235	22	65	56	61	31
Technical Education	245	18	44	88	68	25
Trade and Industrial Education	1 458	86	334	366	481	171
Not Elsewhere Classified	145	7	56	36	36	10
Consumer and Homemaking Education	987	116	431	224	176	40

1/ Does not include 70 tuachers of special needs programs.

FIGURE 12
SECONDARY VOCATIONAL EDUCATION TEACHERS BY SEX BY PROGRAM FIELD 1985-86



GLOSSARY

ADULT--A vocational education program offered in public secondary schools, intermediate units, and correctional institutions to students who have completed or left high school.

AMERICAN INDIAN OR ALASKAN NATIVE--A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

APPRENTICE--A student enrolled in a registered or unregistered apprenticeship program involving on-the-job training and in-school instruction.

AREA VOCATIONAL-TECHNICAL SCHOOL (AVTS)--A specialized high school used principally for providing vocational education.

ASIAN OR PACIFIC ISLANDER--A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. The areas include, for example, China, Japan, Korea, India, the Philippine Islands, and Samoa.

BLACK, NOT OF HISPANIC ORIGIN--A person having origins in any of the black racial groups of Africa.

CAPSTONE--A cooperative education activity designed to enhance ("cap-off") the formal in-school vocational education program with a related employment experience.

COMPLETER--A student who has completed a planned sequence of courses designed to meet a vocational occupational objective.

COOPERATIVE EDUCATION--A method of providing on-the-job experience in a vocational education program. Through written arrangement between the school and employer, the student receives instruction, including required academic courses and related vocational instruction, by alternation of study in school with a job in any occupational field.

DISADVANTAGED--A student who is either academically or economically disadvantaged for reason other than handicapped.

DIVERSIFIED OCCUPATIONS--A cooperative education activity for a heterogenous group of students from more than one vocational education program or for students having a vocational career objective that cannot be met by any of the school's existing vocational programs.

HANDICAPPED--A student evaluated as being deaf, deaf/blind, hard of hearing, mentally retarded, orthopedically impaired, seriously emotionally disturbed, specific learning disabled, speech impaired, visually handicapped, or other health impaired, who because of those impairments requires special education and related services.

HISPANIC--A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

JOB TRAINING PARTNERSHIP ACT (JTPA) (Education Section)--A federally funded vocational and basic skills training program, which is administered by the Pennsylvania Department of Education, for economically disadvantaged persons.

LIMITED ENGLISH PROFICIENCY--A student who is a member of a national-origin minority who does not speak and understand the English language in an instructional setting well enough to benefit from vocational studies to the same extent as a student whose primary language is English.

NONRESIDENT ALIEN--A person who is not a citizen of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

NOT ELSEWHERE CLASSIFIED--A single-skill or special vocational education program that cannot be classified under any of the other eight program fields.

OCCUPATIONAL--A vocational education program that prepares students for employment. Includes all vocational education reported except consumer and homemaking education.

POSTSECONDARY--A vocational education program offered in higher education institutions that are legally authorized to grant degrees or that are included on the list of postsecondary institutions in the Pennsylvania State Plan for Vocational Education.

PREPARATORY--A student enrolled in a vocational program for new occupational preparation.

SECONDARY--A vocational education program offered in public secondary schools, intermediate units, and correctional institutions to students in grades nine through twelve (including ungraded students in the same age group as those students in grades nine through twelve).

SUPPLEMENTAL--A student enrolled in a vocational program to upgrade or update herself/himself to achieve stability or advancement in her/his occupational field.

WHITE, NOT OF HISPANIC ORIGIN--A person having origins in any of the original peoples of Europe, North America, or the Middle East.

Public School Professional Personnel 1986~87

Commonwealth of Pennsylvania
Robert P. Casey, Governor

Department of Education
Thomas K. Gilhool, Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

Division of Data Services
Roger G. Hummel, Chief
Compiled by: Jeanne S. Hobaugh, Statistician

May, 1987

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

The Pennsylvania Department of Education, an equal opportunity employer, will not discriminate in employment, educational programs or activities, based on race, color, religion, national origin, sex, age, ancestry, physical handicap or union membership. This policy of nondiscrimination extends to all other legally protected classifications. Publication of this policy in this document is in accordance with state and federal laws including Title IX of the Education Amendments of 1972 and Sections 503 and 504 of the Rehabilitation Act of 1973. Inquiries should be directed to Susan Mitchell, Affirmative Action Officer, 503/504 Coordinator, Education Building, 333 Market Street, Harrisburg, PA 17126-0333.

HIGHLIGHTS

Data for 1986-87 indicates:

* the 119,751 full-time professional personnel reflected an increase of 1.3 percent from the 118,239 reported last year and a 8.5 percent decline from the 130,869 reported in 1977-78.

* classroom teachers accounted for 86.0 percent of the total full-time personnel.

* the average salary of all professional employees increased 6.0 percent since 1985-86 to $28,384; classroom teachers salaries rose 6.1 percent to $27,422.

* the length of service for all professional employees averaged 16.2 years; for classroom teachers, 15.7 years.

TABLE OF CONTENTS

Page

INTRODUCTION 1

TABLES

Table Page

1. Professional Personnel by Position, 1977-78 Through 1986-87 . . . 3
2. Average Salaries of Professional Personnel by Position, 1977-78 Through 1986-87 5
3. Distribution of Professional Personnel by Average Salary, Average Level of Education, and Average Years of Service by Position, 1986-87 6
4. Distribution of Professional Personnel by Level of Education by Position, 1986-87 8
5. Distribution of Professional Personnel by Total Years of Service by Position, 1986-87 10
6. Distribution of Professional Personnel by Salary by Position, 1986-87. 12
7. Distribution of Professional Personnel by Age by Position, 1986-87 16
8. Distribution of Professional Personnel by Average Salary, Average Level of Education, and Average Years of Service by Certificated Assignment, 1986-87 19
9. Distribution of Withdrawals from the Professional Staff by Reason for Withdrawal by Certificated Assignment, 1986-87 27
10. Selected Averages and Rankings by Administrative Unit, 1986-87 34

FIGURES

Figure Page

1. Professional Personnel Trend, 1977-78 Through 1986-87 4
2. Position Classification Distribution of Total Staff, 1986-87 . . . 4
3. Average Salaries of Professional Personnel, 1977-78 Through 1986-87 18
4. Average Salaries of Professional Personnel by Position by Selected Years 18

INTRODUCTION

"Public School Professional Personnel, 1986-87" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

This report contains data on salaried personnel only. Data for employees paid on a per diem basis, interns, and exchange teachers, to cite a few examples, is not included. The reader should keep in mind that information presented by position or assignment deals with people rather than positions. If an employee worked in more than one position or assignment, the person was counted only in the position or assignment in which a majority of his or her time was spent. In cases where the time was divided equally between two or more assignments, the chief school administrator selected one assignment. The data includes only personnel employed on a full-time basis in the schools.

Because of reporting difficulties and because salary contracts had not been settled at the time the reports were submitted, the 1985-86 salaries or salaries with mandated increments were reported for all or a portion of the employees in the school districts of Armstrong, Brownsville Area, Canton Area, Chester-Upland, Clarion-Limestone Area, Connellsville Area, Crawford Central, Freeport Area, Greater Johnstown, Greater Nanticoke Area, Jeannette City, Loyalsock Township, Midland Borough, Mifflin County, Moniteau, Montoursville Area, North Penn, Northwest Area, Penncrest, Reynolds, Saint Clair Area, Shamokin Area, Southern Fulton, Tunkhannock Area, Tussey Mountain, Union Area, Wattsburg Area, and Yough; the area vocational-technical schools of Clarion County, Crawford County, Juniata-Mifflin County, and Lenape; and the intermediate unit offices of BLaST, Central, and Luzerne.

In analyzing the data relative to level of education, it must be noted that the figures are not synonymous with years of higher education, but are codes used in the project. However, these averages can be used for comparative purposes. The codes upon which the averages are based are as follows:

1	No college
2	One year of College
3	Two years of college
4	Three years of college
5	Bachelor's degree
6	Master's degree
7	Master's degree plus 30 graduate credits
8	Master's degree plus 60 graduate credits
9	Doctor's degree

The Professional Personnel Record includes professional positions not recognized as such by the Department of Education or in the "School Laws of Pennsylvania." They are included as they do exist in certain administrative units. However, their inclusion here does not constitute official recognition as professional positions by the Department of Education.

Requests for more detailed data and questions or comments about the data should be addressed to the Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (phone 717-787-2644).

Source: Professional Personnel Record, 1986-87 (PDE-5018)

TABLE 1

PROFESSIONAL PERSONNEL BY POSITION, 1977-78 THROUGH 1986-87

Year	Total	Administrative/ Supervisory	Classroom Teachers	Coordinate Services	Others and Unknown
1977-78	130 869	6 506	112 956	9 714	1 693
1978-79	129 081	6 483	110 833	9 760	2 005
1979-80	129 927	6 481	111 615	9 912	1 919
1980-81	128 518	6 410	109 928	9 934	2 246
1981-82	124 925	6 309	107 103	9 706	1 807
1982-83	121 328	6 497	103 855	9 913	1 063
1983-84	119 359	6 412	102 207	9 809	931
1984-85	118 782	6 353	101 484	9 708	1 237
1985-86	118 239	6 302	101 665	9 591	681
1986-87	119 751	6 318	102 993	9 709	731

The 119,751 full-time personnel employed in professional positions in the public schools of Pennsylvania at the beginning of the 1986-87 school year was a 1.3 percent increase from the 118,239 employed last year, and an 8.5 percent decrease from the 130,869 employed nine years ago.

During the 10-year period, the classroom teachers group showed the greatest loss with an 8.8 percent decrease. However, there was a 1.3 percent increase in the number of classroom teachers in 1986-87, the second consecutive increase for this group. The administrative/supervisory group showed a loss of 2.9 percent since 1977-78.

Classroom teachers accounted for 86.0 percent of the total number of 119,751 in 1986-87; coordinate services personnel accounted for 8.1 percent; administrative/supervisory, 5.3 percent; and the position classifications of 0.6 percent were unknown. These percents changed very little over recent years as evidenced by the fact that the 86.0 percent for classroom teachers was only a 0.3 percent difference from the 86.3 percent figure nine years earlier.

FIGURE 1

PROFESSIONAL PERSONNEL TREND
1977-78 through 1986-87

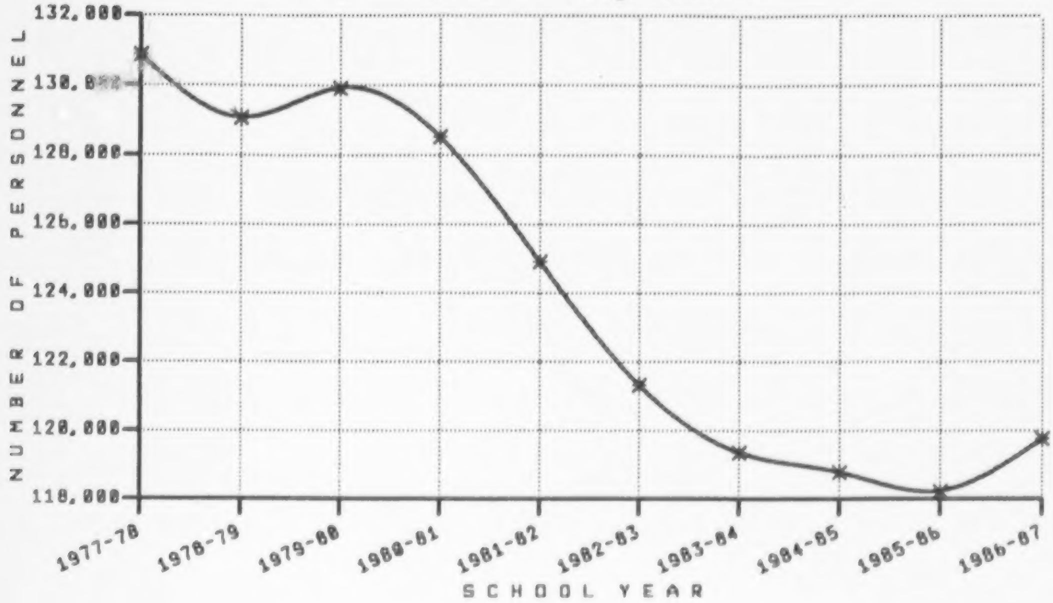


FIGURE 2

POSITION CLASSIFICATION DISTRIBUTION OF TOTAL STAFF, 1986-87

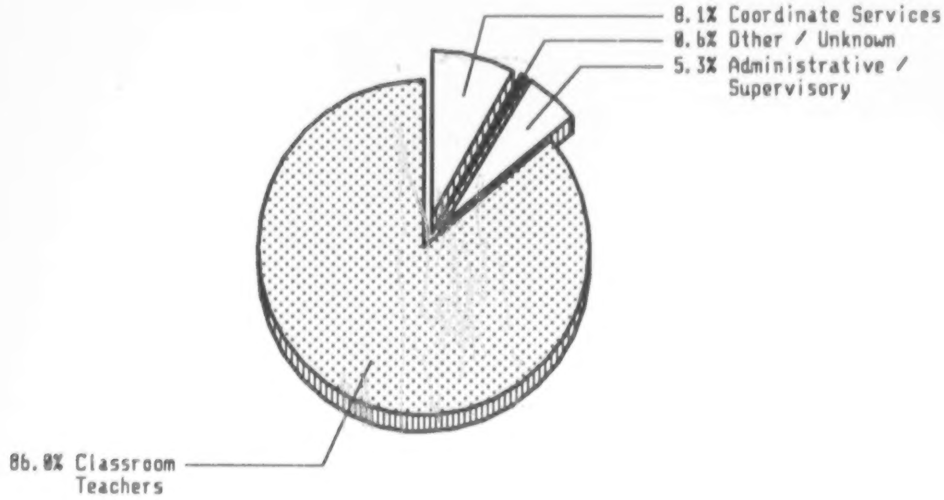


TABLE 2

AVERAGE SALARIES OF PROFESSIONAL PERSONNEL BY POSITION, 1977-78 THROUGH 1986-87

Year	Total	Administrative/ Supervisory	Classroom Teachers	Coordinate Services
1977-78	$15 136	$24 165	$14 462	$16 290
1978-79	16 208	25 597	15 513	17 349
1979-80	17 237	27 031	16 517	18 371
1980-81	18 741	29 305	17 981	19 896
1981-82	20 298	31 425	19 482	21 464
1982-83	22 016	33 486	21 178	23 268
1983-84	23 562	35 315	22 703	24 834
1984-85	25 105	37 275	24 192	26 318
1985-86	26 781	39 538	25 853	28 076
1986-87	28 384	41 772	27 422	29 711

The average salary of all professional employees in 1986-87 was a 6.0 percent increase over the $26,781 figure of 1985-86. The average increase has been approximately 7.2 percent annually since 1977-78.

The average salary of classroom teachers rose 6.1 percent from $25,853 in 1985-86 to $27,422 in 1986-87. Since 1977-78 the average increase has been approximately 7.4 percent annually.

TABLE 3

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AVERAGE SALARY, AVERAGE LEVEL OF EDUCATION, AND AVERAGE YEARS OF SERVICE BY POSITION, 1986-87

POSITION	PERSONNEL			AVERAGE SALARY			AVERAGE LEVEL OF EDUCATION			AVERAGE YEARS OF SERVICE		
	TOTAL	MALE	FEMALE	MALE	FEMALE	COMBINED	MALE	FEMALE	COMBINED	MALE	FEMALE	COMBIN
ADMINISTRATIVE AND SUPERVISORY												
EXECUTIVE DIRECTOR	25	25		58 414		58 414	8.24		8.24	28.08		28.08
ASSISTANT EXECUTIVE DIRECTOR	37	35	2	50 321	40 490	49 790	7.89	8.50	7.92	24.23	21.50	24.08
SUPERINTENDENT, DISTRICT	497	471	26	53 428	50 160	53 259	8.32	8.38	8.32	25.69	20.81	25.43
ASSISTANT SUPERINTENDENT, DISTRICT	191	169	22	49 944	48 011	49 721	8.04	7.68	8.00	24.24	23.55	24.16
ADMINISTRATIVE ASSISTANT	197	163	34	42 315	39 150	41 774	6.62	6.59	6.61	24.88	18.94	23.85
ELEMENTARY PRINCIPAL	1 500	1 193	307	41 058	40 497	40 943	6.78	7.04	6.83	24.25	21.42	23.67
ASSISTANT ELEMENTARY PRINCIPAL	73	51	22	36 026	34 567	35 595	6.65	6.68	6.66	20.37	18.36	19.77
SECONDARY PRINCIPAL	916	880	36	43 190	44 225	43 231	6.81	7.08	6.82	24.71	22.81	24.64
ASSISTANT SECONDARY PRINCIPAL	968	843	125	38 948	38 558	38 898	6.72	6.94	6.75	21.70	19.37	21.40
PRINCIPAL, K THROUGH 12	192	175	17	41 517	40 851	41 461	6.83	7.41	6.88	23.51	18.53	23.07
ASSISTANT PRINCIPAL K THROUGH 12	118	96	22	37 106	35 973	36 893	6.77	6.82	6.78	19.51	18.41	19.31
DIRECTOR, VOCATIONAL EDUCATION	79	72	7	43 644	36 934	43 042	7.01	6.43	6.96	22.04	18.57	21.73
ASSISTANT DIRECTOR OF VOCATIONAL ED.	38	35	3	40 084	37 456	39 871	6.46	7.00	6.50	19.37	12.67	18.84
COORDINATOR	234	151	83	37 325	31 766	35 310	6.50	6.17	6.38	22.30	16.60	20.28
SUPERVISOR	1 253	804	449	40 845	37 579	39 678	6.52	6.65	6.57	22.15	19.59	21.23
SUB TOTALS	6 318	5 163	1 155	42 453	38 729	41 772	6.92	6.84	6.90	23.48	19.94	22.83
CLASSROOM TEACHERS												
KINDERGARTEN	2 466	39	2 427	25 006	25 966	25 951	5.33	5.42	5.42	12.87	15.38	15.34
ELEMENTARY	38 884	9 095	29 789	28 662	26 996	27 393	5.83	5.58	5.64	16.99	15.32	15.71
SECONDARY	42 853	25 369	17 484	28 902	26 436	27 909	5.65	5.56	5.61	18.53	14.73	16.98
SPECIALIZED, K THROUGH 12	5 896	2 706	3 190	28 802	26 575	27 612	5.69	5.59	5.64	17.24	14.05	15.51
SPECIAL EDUCATION	10 834	2 548	8 286	27 922	24 789	25 542	5.81	5.63	5.67	14.03	10.01	10.95
SPEECH CORRECTIONIST	1 331	165	1 166	28 862	24 645	25 188	5.78	5.65	5.67	17.68	11.35	12.14
DEPARTMENT HEAD	729	513	216	35 765	34 556	35 412	6.66	6.52	6.62	24.37	22.19	23.72
SUB TOTALS	102 993	40 435	62 558	28 863	26 470	27 422	5.72	5.58	5.63	17.88	14.34	15.73
COORDINATE SERVICES												
ASST. TO THE SUP. IN CHARGE OF INST.	28	23	5	47 406	44 345	46 860	7.61	8.40	7.75	20.74	21.40	20.86
ASST. TO THE SUP. IN CHARGE OF BUS.	22	22		50 275		50 275	6.45		6.45	25.59		25.59
AUDIOMETRIST	19	2	17	27 807	23 226	23 709	6.50	6.06	6.11	10.50	9.76	9.84
BUSINESS MANAGER	162	146	16	39 178	27 515	38 026	5.48	3.88	5.32	14.90	8.88	14.30
CURRICULUM COORDINATOR	92	63	29	42 529	36 119	40 508	7.27	6.79	7.12	25.86	19.41	23.83
DENTAL HYGIENIST	76	1	75	27 265	27 142	27 144	6.00	5.60	5.61	19.00	14.96	15.01
DIRECTOR OF DATA PROCESSING	7	5	2	44 332	19 509	37 239	6.00	5.50	5.86	19.60	6.50	15.86
DIRECTOR OF PERSONNEL	36	31	5	47 486	36 225	45 922	6.71	6.40	6.67	21.94	16.60	21.19
FEDERAL COORDINATOR	45	34	11	39 735	31 015	37 603	7.06	6.36	6.89	26.35	16.45	23.93
GUIDANCE, ELEMENTARY	570	209	361	29 454	26 759	27 754	6.28	6.23	6.25	18.83	14.16	15.87
GUIDANCE, SECONDARY	1 881	1 144	737	32 066	29 573	31 100	6.43	6.31	6.38	23.07	18.18	21.16
GUIDANCE, K THROUGH 12	699	298	401	33 029	33 610	33 362	6.75	7.05	6.92	21.99	18.34	19.90
HOME AND SCHOOL VISITOR	289	121	168	32 165	30 024	30 918	5.82	5.80	5.81	20.95	16.39	18.30

TABLE 3

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AVERAGE SALARY, AVERAGE LEVEL OF EDUCATION, AND AVERAGE YEARS OF SERVICE BY POSITION, 1986-87

POSITION	PERSONNEL			AVERAGE SALARY			AVERAGE LEVEL OF EDUCATION			AVERAGE YEARS OF SERVICE		
	TOTAL	MALE	FEMALE	MALE	FEMALE	COMBINED	MALE	FEMALE	COMBINED	MALE	FEMALE	COMBIN
LIBRARIAN, ELEMENTARY	894	50	844	30 248	26 590	26 796	5.86	5.69	5.70	19.52	15.22	15.46
LIBRARIAN, SECONDARY	819	151	668	30 615	27 151	27 800	6.09	5.80	5.86	20.70	16.47	17.25
LIBRARIAN, K THROUGH 12	203	23	180	27 267	27 300	27 296	5.96	5.79	5.81	18.09	15.47	15.76
MANAGER, SCHOOL FOOD SERVICES	36	6	30	33 282	26 338	27 390	4.17	4.97	4.83	18.67	16.47	16.83
OCCUPATIONAL THERAPIST	19		19		21 083	21 083		4.89	4.89		7.68	7.68
PHYSICAL THERAPIST	65	7	58	31 327	29 102	29 346	5.71	5.78	5.77	15.00	9.95	10.49
PSYCHIATRIC SOCIAL WORKER	26	8	18	27 467	28 861	28 396	5.88	6.11	6.04	13.63	14.78	14.42
PSYCHOLOGICAL EXAMINER	10	5	5	28 144	26 421	27 282	5.80	6.00	5.90	7.80	12.40	10.10
PSYCHOLOGIST	673	375	298	34 848	31 804	33 502	7.14	7.02	7.09	15.97	12.60	14.48
SCHOOL NURSE	1 773	5	1 768	28 201	26 732	26 737	5.80	5.33	5.33	13.60	14.37	14.37
SPECIALIST	1 265	293	972	31 060	28 407	29 038	6.18	5.89	5.96	17.80	14.71	15.42
SUB TOTALS	9 709	3 022	6 687	33 153	28 132	29 711	6.44	5.88	6.05	20.56	15.35	16.97
OTHERS	731	324	407	34 269	25 283	29 287	5.98	5.53	5.73	17.86	10.59	13.82
TOTAL	119 751	48 944	70 807	30 595	26 824	28 384	5.89	5.63	5.74	18.63	14.50	16.19

TABLE 4

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY LEVEL OF EDUCATION BY POSITION, 1986-87

POSITION	TOTAL	NO COLL-EGE	ONE YEAR COLLEGE	TWO YEARS COLLEGE	THREE YEARS COLLEGE	BACH-ELORS DEGREE	MASTERS DEGREE	MASTERS + 1 YEAR	MASTERS + 2 YEARS	DOCTORS DEGREE	UNKNOWN
		LEVEL OF EDUCATION									
ADMINISTRATIVE AND SUPERVISORY											
EXECUTIVE DIRECTOR	25	1				1		1	5	17	
ASSISTANT EXECUTIVE DIRECTOR	37	1				1	3	7	5	20	
SUPERINTENDENT, DISTRICT	497					7	32	56	101	301	
ASSISTANT SUPERINTENDENT, DISTRICT	191					3	23	33	44	88	
ADMINISTRATIVE ASSISTANT	197		1	2		21	86	42	25	20	
ELEMENTARY PRINCIPAL	1 500	2				28	717	361	252	140	
ASSISTANT ELEMENTARY PRINCIPAL	73					2	39	21	4	7	
SECONDARY PRINCIPAL	916	2				20	437	227	135	95	
ASSISTANT SECONDARY PRINCIPAL	968					38	463	240	157	70	
PRINCIPAL, K THROUGH 12	192					4	90	51	19	28	
ASSISTANT PRINCIPAL K THROUGH 12	118					3	54	37	14	10	
DIRECTOR, VOCATIONAL EDUCATION	79					5	26	23	17	8	
ASSISTANT DIRECTOR OF VOCATIONAL ED.	38					6	20	5	1	6	
COORDINATOR	234	1	2	3	4	46	95	30	24	29	
SUPERVISOR	1 253	49		6		109	504	252	168	165	
SUB TOTALS	6 318	56	3	11	4	294	2 589	1 386	971	1 004	
CLASSROOM TEACHERS											
KINDERGARTEN	2 466			1	3	1 555	804	82	18	3	
ELEMENTARY	38 884	130		7	36	19 299	15 360	2 222	1 682	148	
SECONDARY	42 853	187	230	431	237	20 694	15 687	3 367	1 676	344	
SPECIALIZED, K THROUGH 12	5 896	2		1	3	3 019	2 238	406	196	31	
SPECIAL EDUCATION	10 834	29	2	5	64	5 100	4 339	763	487	45	
SPEECH CORRECTIONIST	1 331				5	504	767	43	8	4	
DEPARTMENT HEAD	729	2				101	298	136	149	43	
SUB TOTALS	102 993	350	232	445	348	50 272	39 493	7 019	4 216	618	
COORDINATE SERVICES											
ASST. TO THE SUP. IN CHARGE OF INST.	28					1	5	7	2	13	
ASST. TO THE SUP. IN CHARGE OF BUS.	22					3	13	2	1	3	
AUDIOMETRIST	19					1	15	3			
BUSINESS MANAGER	162	4	3	5		91	38	16	3	2	
CURRICULUM COORDINATOR	92	1				6	30	19	13	23	
DENTAL HYGIENIST	76					44	23	4	5		
DIRECTOR OF DATA PROCESSING	7					4	2			1	
DIRECTOR OF PERSONNEL	36					9	10	6	6	5	
FEDERAL COORDINATOR	45					3	21	8	4	9	
GUIDANCE, ELEMENTARY	570					24	421	91	26	8	
GUIDANCE, SECONDARY	1 881				1	53	1 257	401	136	33	

TABLE 4

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY LEVEL OF EDUCATION BY POSITION, 1986-87

POSITION	TOTAL	LEVEL OF EDUCATION NO COLL-EGE	ONE YEAR COLLEGE	TWO YEARS COLLEGE	THREE YEARS COLLEGE	BACH-ELORS DEGREE	MASTERS DEGREE	MASTERS + 1 YEAR	MASTERS + 2 YEARS	DOCTORS DEGREE	UNKNOWN
GUIDANCE, K THROUGH 12	699	4				19	293	98	269	16	
HOME AND SCHOOL VISITOR	289	11				97	115	38	26	2	
LIBRARIAN, ELEMENTARY	894				3	374	436	56	22	3	
LIBRARIAN, SECONDARY	819				1	281	412	91	27	7	
LIBRARIAN, K THROUGH 12	203					69	112	15	6	1	
MANAGER, SCHOOL FOOD SERVICES	36	2		1	1	28	3	1			
OCCUPATIONAL THERAPIST	19			3		12	4				
PHYSICAL THERAPIST	65					32	22	5	6		
PSYCHIATRIC SOCIAL WORKER	26					4	17	5			
PSYCHOLOGICAL EXAMINER	10					5	3	1		1	
PSYCHOLOGIST	673	3				17	205	224	131	93	
SCHOOL NURSE	1 773	22	1	13	22	1 164	434	68	47	2	
SPECIALIST	1 265	27			2	311	680	141	54	50	
SUB TOTALS	9 709	74	4	22	30	2 652	4 571	1 300	784	272	
OTHERS	731	20	8	7	10	280	264	75	21	46	
TOTAL	119 751	500	247	485	392	53 498	46 917	9 780	5 992	1 940	

TABLE 5

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY TOTAL YEARS OF SERVICE BY POSITION, 1986-87

POSITION	TOTAL	01-05	06-10	11-15	16-20	21-25	26-30	31-35	36-OVER	UNKNOWN
ADMINISTRATIVE AND SUPERVISORY										
EXECUTIVE DIRECTOR	25			2	2	6	4	3	8	
ASSISTANT EXECUTIVE DIRECTOR	37	2	1	1	7	9	10	2	5	
SUPERINTENDENT, DISTRICT	497	18	6	13	88	92	143	96	41	
ASSISTANT SUPERINTENDENT, DISTRICT	191	2		18	36	59	43	20	13	
ADMINISTRATIVE ASSISTANT	197	5	10	17	31	42	50	30	12	
ELEMENTARY PRINCIPAL	1 500	9	34	168	325	357	314	212	81	
ASSISTANT ELEMENTARY PRINCIPAL	73		2	21	21	17	6	5	1	
SECONDARY PRINCIPAL	916	7	14	65	185	214	233	144	54	
ASSISTANT SECONDARY PRINCIPAL	968	14	49	145	260	209	170	88	33	
PRINCIPAL, K THROUGH 12	192	2	4	19	46	55	35	22	9	
ASSISTANT PRINCIPAL K THROUGH 12	118	1	8	31	29	26	16	5	2	
DIRECTOR, VOCATIONAL EDUCATION	79	4	3	9	22	11	15	11	4	
ASSISTANT DIRECTOR OF VOCATIONAL ED.	38	1	3	9	10	9	5	1		
COORDINATOR	234	10	17	45	46	48	43	18	7	
SUPERVISOR	1 253	49	71	182	302	263	211	126	49	
SUB TOTALS	6 318	124	222	745	1 410	1 417	1 298	783	319	
CLASSROOM TEACHERS										
KINDERGARTEN	2 466	277	358	661	576	366	153	55	20	
ELEMENTARY	38 884	4 141	4 536	10 422	10 643	5 310	2 568	941	323	
SECONDARY	42 853	4 120	5 219	8 833	10 718	7 434	4 547	1 480	502	
SPECIALIZED, K THROUGH 12	5 896	650	889	1 511	1 390	822	416	174	44	
SPECIAL EDUCATION	10 834	2 410	3 140	3 003	1 404	541	254	64	18	
SPEECH CORRECTIONIST	1 331	225	340	413	217	78	42	14	2	
DEPARTMENT HEAD	729	8	12	74	163	175	166	90	41	
SUB TOTALS	102 993	11 831	14 494	24 917	25 111	14 726	8 146	2 818	950	
COORDINATE SERVICES										
ASST. TO THE SUP. IN CHARGE OF INST.	28	1	1	2	9	8	4	2	1	
ASST. TO THE SUP. IN CHARGE OF BUS.	22	1		2	1	4	10	3	1	
AUDIOMETRIST	19	4	8	5	2					
BUSINESS MANAGER	162	36	39	20	24	15	15	11	2	
CURRICULUM COORDINATOR	92	2	1	13	14	19	23	16	4	
DENTAL HYGIENIST	76	13	13	17	14	10	4	2	3	
DIRECTOR OF DATA PROCESSING	7	2	1		2	1			1	
DIRECTOR OF PERSONNEL	36	2	1	4	11	7	6	4	1	
FEDERAL COORDINATOR	45	1	1	6	12	7	8	3	7	
GUIDANCE, ELEMENTARY	570	52	100	137	132	76	49	21	3	
GUIDANCE, SECONDARY	1 881	76	148	288	348	394	354	198	75	
GUIDANCE, K THROUGH 12	699	16	45	148	199	130	99	39	23	
HOME AND SCHOOL VISITOR	289	28	40	37	54	64	45	18	3	
LIBRARIAN, ELEMENTARY	894	89	146	230	219	128	55	18	9	

TABLE 5

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY TOTAL YEARS OF SERVICE BY POSITION, 1986-87

POSITION	TOTAL	01-05	06-10	11-15	16-20	21-25	26-30	31-35	36-OVER	UNKNOWN
LIBRARIAN, SECONDARY	819	60	93	193	209	142	83	26	13	
LIBRARIAN, K THROUGH 12	203	22	32	43	57	24	16	6	3	
MANAGER, SCHOOL FOOD SERVICES	36	3	10	4	6	6	4	2	1	
OCCUPATIONAL THERAPIST	19	6	10	2		1				
PHYSICAL THERAPIST	65	17	20	18	3	2	2	3		
PSYCHIATRIC SOCIAL WORKER	26	3	6	6	4	6	1			
PSYCHOLOGICAL EXAMINER	10	2	4	3		1				
PSYCHOLOGIST	673	104	145	161	107	78	42	26	10	
SCHOOL NURSE	1 773	309	289	370	385	276	95	37	12	
SPECIALIST	1 265	122	179	370	322	161	66	33	12	
SUB TOTALS	9 709	971	1 332	2 079	2 134	1 560	981	468	184	
OTHERS	731	164	141	140	118	70	60	23	15	
TOTAL	119 751	13 090	16 189	27 881	28 773	17 773	10 485	4 092	1 468	

TABLE 6

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY SALARY BY POSITION, 1986-87

POSITION	TOTAL	UNDER- $10 000	$10 000- $11 999	$12 000- $13 999	$14 000- $15 999	$16 000- $17 999	$18 000- $19 999	$20 000- $21 999	$22 000- $23 999
ADMINISTRATIVE AND SUPERVISORY									
EXECUTIVE DIRECTOR	25								
ASSISTANT EXECUTIVE DIRECTOR	37								
SUPERINTENDENT, DISTRICT	497								
ASSISTANT SUPERINTENDENT, DISTRICT	191							1	
ADMINISTRATIVE ASSISTANT	197		1					3	1
ELEMENTARY PRINCIPAL	1 500				1			2	3
ASSISTANT ELEMENTARY PRINCIPAL	73					1			
SECONDARY PRINCIPAL	916							1	
ASSISTANT SECONDARY PRINCIPAL	968			1			1	1	3
PRINCIPAL, K THROUGH 12	192								
ASSISTANT PRINCIPAL K THROUGH 12	118							1	
DIRECTOR, VOCATIONAL EDUCATION	79						1		
ASSISTANT DIRECTOR OF VOCATIONAL ED.	38								
COORDINATOR	234			1	1	3	1	2	9
SUPERVISOR	1 253			2		5	3	7	9
SUB TOTALS	6 318		1	4	2	9	6	18	25
CLASSROOM TEACHERS									
KINDERGARTEN	2 466	7	8	12	40	113	188	254	326
ELEMENTARY	38 884	71	78	210	468	1 556	2 074	2 892	4 111
SECONDARY	42 853	74	67	130	594	1 487	2 309	3 071	3 957
SPECIALIZED, K THROUGH 12	5 896	15	13	39	107	243	373	481	611
SPECIAL EDUCATION	10 834	6	4	15	153	726	1 206	1 286	1 365
SPEECH CORRECTIONIST	1 331				9	65	117	167	210
DEPARTMENT HEAD	729				1	2	3	6	14
SUB TOTALS	102 993	173	170	406	1 372	4 192	6 270	8 157	10 594
COORDINATE SERVICES									
ASST. TO THE SUP. IN CHARGE OF INST.	28							1	
ASST. TO THE SUP. IN CHARGE OF BUS.	22								
AUDIOMETRIST	19						2	4	4
BUSINESS MANAGER	162			1		1	2	2	5
CURRICULUM COORDINATOR	92								
DENTAL HYGIENIST	76			1		4	5	10	5
DIRECTOR OF DATA PROCESSING	7					1		1	
DIRECTOR OF PERSONNEL	36								
FEDERAL COORDINATOR	45					1			
GUIDANCE, ELEMENTARY	570				6	15	26	51	66
GUIDANCE, SECONDARY	1 881	1		3	6	20	36	92	107
GUIDANCE, K THROUGH 12	699				1	4	4	12	15
HOME AND SCHOOL VISITOR	289				1	8	7	14	18

TABLE 6

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY SALARY BY POSITION, 1986-87

POSITION	TOTAL	UNDER- $10 000	$10 000- $11 999	$12 000- $13 999	$14 000- $15 999	$16 000- $17 999	$18 000- $19 999	$20 000- $21 999	$22 000- $23 999
LIBRARIAN, ELEMENTARY	894	1		4	12	39	64	89	103
LIBRARIAN, SECONDARY	819	2		2	11	25	42	55	91
LIBRARIAN, K THROUGH 12	203		1	2	3	10	15	13	20
MANAGER, SCHOOL FOOD SERVICES	36			1	1	1	2	3	2
OCCUPATIONAL THERAPIST	19		2	1		1	3	2	6
PHYSICAL THERAPIST	65						4	3	3
PSYCHIATRIC SOCIAL WORKER	26						1	3	3
PSYCHOLOGICAL EXAMINER	10							1	4
PSYCHOLOGIST	673			2			11	29	31
SCHOOL NURSE	1 773	5	4	8	31	70	150	171	176
SPECIALIST	1 265	1	4	6	11	31	58	118	149
SUB TOTALS	9 709	10	11	31	83	231	432	674	808
OTHERS	731	1	1	5	21	35	59	66	85
TOTAL	119 751	184	183	446	1 478	4 467	6 767	8 915	11 512

TABLE 6

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY SALARY BY POSITION, 1986-87--CONCLUDED

POSITION	$24 000- $25 999	$26 000- $27 999	$28 000- $29 999	$30 000- $31 999	$32 000- $33 999	$34 000- $35 999	$36 000- $37 999	$38 000- $39 999	$40 000- OVER	UNKNOWN
ADMINISTRATIVE AND SUPERVISORY										
EXECUTIVE DIRECTOR									24	1
ASSISTANT EXECUTIVE DIRECTOR						1			36	
SUPERINTENDENT, DISTRICT						4	3	9	467	14
ASSISTANT SUPERINTENDENT, DISTRICT	1		1			5	5	5	173	
ADMINISTRATIVE ASSISTANT	1	11	3	8	9	10	13	14	119	4
ELEMENTARY PRINCIPAL	3	13	29	55	113	103	140	182	828	28
ASSISTANT ELEMENTARY PRINCIPAL	2	2	7	10	8	13	7	4	17	2
SECONDARY PRINCIPAL	1		8	10	42	59	86	106	591	12
ASSISTANT SECONDARY PRINCIPAL	10	24	44	68	95	78	112	76	446	9
PRINCIPAL, K THROUGH 12	1	1	4	4	13	19	17	23	106	4
ASSISTANT PRINCIPAL K THROUGH 12	2	4	8	12	9	12	22	12	35	1
DIRECTOR, VOCATIONAL EDUCATION			1	2	1	4	5	12	52	1
ASSISTANT DIRECTOR OF VOCATIONAL ED.				3	3	3	5	5	18	1
COORDINATOR	11	12	15	16	28	21	24	28	57	5
SUPERVISOR	18	20	50	64	77	99	169	108	606	16
SUB TOTALS	50	87	170	252	398	431	608	584	3 575	98
CLASSROOM TEACHERS										
KINDERGARTEN	340	320	263	174	87	85	101	48	32	68
ELEMENTARY	4 949	4 402	4 863	2 423	3 736	3 134	1 258	833	735	1 091
SECONDARY	4 837	5 284	5 368	3 743	3 202	2 940	1 923	1 337	1 469	1 061
SPECIALIZED, K THROUGH 12	688	649	586	412	329	244	450	267	226	163
SPECIAL EDUCATION	1 304	1 141	965	526	618	690	93	310	105	321
SPEECH CORRECTIONIST	197	200	99	90	49	15	14	38	4	57
DEPARTMENT HEAD	28	60	69	67	63	49	37	64	256	10
SUB TOTALS	12 343	12 056	12 213	7 435	8 084	7 157	3 876	2 897	2 827	2 771
COORDINATE SERVICES										
ASST. TO THE SUP. IN CHARGE OF INST.		1				1	1	2	22	
ASST. TO THE SUP. IN CHARGE OF BUS.				2					19	1
AUDIOMETRIST	5	2	1	1						
BUSINESS MANAGER	9	4	12	11	12	11	10	20	62	
CURRICULUM COORDINATOR	2	5	6		7	7	9	8	48	
DENTAL HYGIENIST	8	7	8	2	8	10	3	1		4
DIRECTOR OF DATA PROCESSING					1				4	
DIRECTOR OF PERSONNEL				1	2	1	2	1	29	
FEDERAL COORDINATOR	1	1	4	4	3	7	4	4	16	
GUIDANCE, ELEMENTARY	79	71	76	36	32	18	24	17	30	23
GUIDANCE, SECONDARY	122	201	238	244	201	144	115	118	190	43
GUIDANCE, K THROUGH 12	31	38	54	45	79	316	19	40	32	9
HOME AND SCHOOL VISITOR	22	13	37	34	32	35	21	29	14	4

TABLE 6

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY SALARY BY POSITION, 1986-87--CONCLUDED

POSITION	$24 000- $25 999	$26 000- $27 999	$28 000- $29 999	$30 000- $31 999	$32 000- $33 999	$34 000- $35 999	$36 000- $37 999	$38 000- $39 999	$40 000- OVER	UNKNOWN
LIBRARIAN, ELEMENTARY	113	124	99	59	42	34	29	19	42	21
LIBRARIAN, SECONDARY	99	106	107	65	57	26	36	38	29	28
LIBRARIAN, K THROUGH 12	30	19	20	22	5	17	9	8	8	1
MANAGER, SCHOOL FOOD SERVICES	6	2	5	4			3	2	1	3
OCCUPATIONAL THERAPIST			2		1					1
PHYSICAL THERAPIST	9	6	11	1	14	11	1	1		1
PSYCHIATRIC SOCIAL WORKER	1	3	3	2	3	3	1	1		2
PSYCHOLOGICAL EXAMINER		2			1		2			
PSYCHOLOGIST	44	59	51	63	62	53	48	57	157	6
SCHOOL NURSE	207	167	235	124	140	122	66	18	35	44
SPECIALIST	118	103	110	74	85	121	88	61	89	38
SUB TOTALS	906	934	1 079	794	787	937	491	445	827	229
OTHERS	70	62	33	35	38	32	20	32	121	15
TOTAL	13 369	13 139	13 495	8 516	9 307	8 557	4 995	3 958	7 350	3 113

TABLE 7

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AGE BY POSITION, 1986-87

POSITION	TOTAL	UNDER 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-OVER
ADMINISTRATIVE AND SUPERVISORY												
EXECUTIVE DIRECTOR	25						2	5	8	3	7	
ASSISTANT EXECUTIVE DIRECTOR	37					1	8	12	6	6	4	
SUPERINTENDENT, DISTRICT	497				1	20	86	95	130	117	43	5
ASSISTANT SUPERINTENDENT, DISTRICT	191					14	51	45	36	28	16	1
ADMINISTRATIVE ASSISTANT	197			1	8	18	42	22	40	48	12	6
ELEMENTARY PRINCIPAL	1 500			1	25	190	312	288	264	275	126	19
ASSISTANT ELEMENTARY PRINCIPAL	73				2	19	21	16	5	10		
SECONDARY PRINCIPAL	916				4	89	176	197	189	168	86	7
ASSISTANT SECONDARY PRINCIPAL	968			4	54	156	239	170	158	110	67	10
PRINCIPAL, K THROUGH 12	192				6	23	49	42	35	25	10	2
ASSISTANT PRINCIPAL K THROUGH 12	118				9	31	31	18	13	13	3	
DIRECTOR, VOCATIONAL EDUCATION	79			1		5	13	11	17	22	10	
ASSISTANT DIRECTOR OF VOCATIONAL ED	38				1	3	10	2	9	6	6	1
COORDINATOR	234			2	12	33	36	43	50	37	17	4
SUPERVISOR	1 253			5	38	157	265	224	212	200	122	30
SUB TOTALS	6 318			14	160	759	1 341	1 190	1 172	1 068	529	85
CLASSROOM TEACHERS												
KINDERGARTEN	2 466	1	31	129	312	664	475	306	239	199	86	24
ELEMENTARY	38 884	11	362	1 561	4 178	10 501	8 727	5 085	3 648	2 965	1 471	375
SECONDARY	42 853	12	446	1 945	4 206	9 151	9 993	6 888	4 566	3 386	1 830	430
SPECIALIZED, K THROUGH 12	5 896		68	378	811	1 588	1 243	747	502	342	179	38
SPECIAL EDUCATION	10 834	9	235	1 328	2 699	2 971	1 610	776	472	415	242	77
SPEECH CORRECTIONIST	1 331	2	13	162	341	401	199	87	58	42	23	3
DEPARTMENT HEAD	729				11	66	160	146	140	127	60	19
SUB TOTALS	102 993	35	1 155	5 503	12 558	25 342	22 407	14 035	9 625	7 476	3 891	966
COORDINATE SERVICES												
ASST. TO THE SUP. IN CHARGE OF INST	28				2	5	8	5	6	1	1	
ASST. TO THE SUP. IN CHARGE OF BUS.	22					1	2	2	9	4	3	1
AUDIOMETRIST	19			1	12	5		1				
BUSINESS MANAGER	162			6	23	30	29	19	18	22	12	3
CURRICULUM COORDINATOR	92				1	7	17	12	28	17	8	2
DENTAL HYGIENIST	76		1	4	8	16	16	6	6	11	4	4
DIRECTOR OF DATA PROCESSING	7			1	1		2	1	1			1
DIRECTOR OF PERSONNEL	36					3	7	10	5	9	1	1
FEDERAL COORDINATOR	45				1	4	5	10	7	7	8	3
GUIDANCE, ELEMENTARY	570		1	25	57	152	130	74	60	38	27	6
GUIDANCE, SECONDARY	1 881		1	20	100	266	393	334	306	270	163	28
GUIDANCE, K THROUGH 12	699			1	19	74	150	121	110	112	83	29
HOME AND SCHOOL VISITOR	289			4	15	30	56	34	40	41	48	21
LIBRARIAN, ELEMENTARY	894		6	35	111	225	203	88	74	95	48	9

TABLE 7

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AGE BY POSITION, 1986-87

POSITION	TOTAL	UNDER 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-OVER
LIBRARIAN, SECONDARY	819		9	24	61	184	184	102	80	91	66	18
LIBRARIAN, K THROUGH 12	203	1	2	8	22	51	46	17	10	30	15	1
MANAGER, SCHOOL FOOD SERVICES	36				5	4	5	4	4	6	6	2
OCCUPATIONAL THERAPIST	19		1	7	5	2			1	1	2	
PHYSICAL THERAPIST	65			4	8	17	12	7	7	4	6	
PSYCHIATRIC SOCIAL WORKER	26			2	5	3	7	2	1	3	3	
PSYCHOLOGICAL EXAMINER	10				3	3		3	1			
PSYCHOLOGIST	673			19	76	160	153	100	52	56	44	13
SCHOOL NURSE	1 773	3	1	14	68	106	197	289	364	344	309	78
SPECIALIST	1 265		3	33	160	310	236	191	128	101	79	24
SUB TOTALS	9 709	4	25	208	763	1 658	1 858	1 432	1 318	1 263	936	244
OTHERS	731	2	14	46	98	133	123	118	88	47	49	13
TOTAL	119 751	41	1 194	5 771	13 579	27 892	25 729	16 775	12 203	9 854	5 405	1 308

FIGURE 3

AVERAGE SALARIES OF PROFESSIONAL PERSONNEL
1977-78 through 1986-87

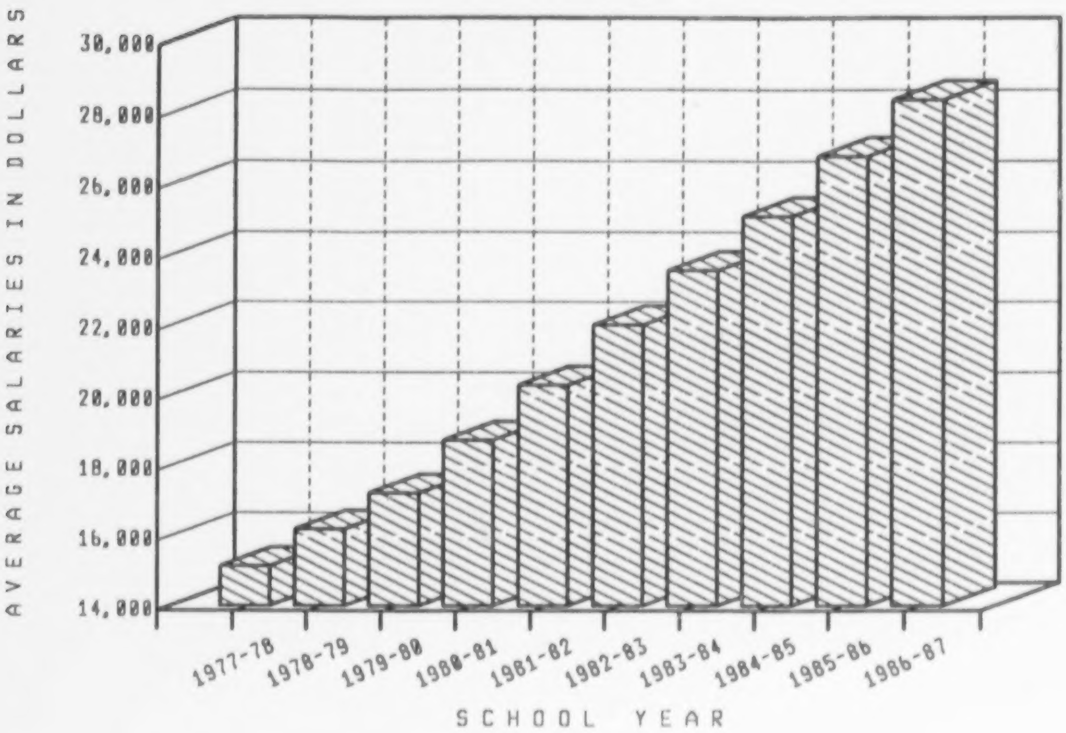


FIGURE 4

AVERAGE SALARIES OF PROFESSIONAL PERSONNEL BY POSITION
BY SELECTED YEARS

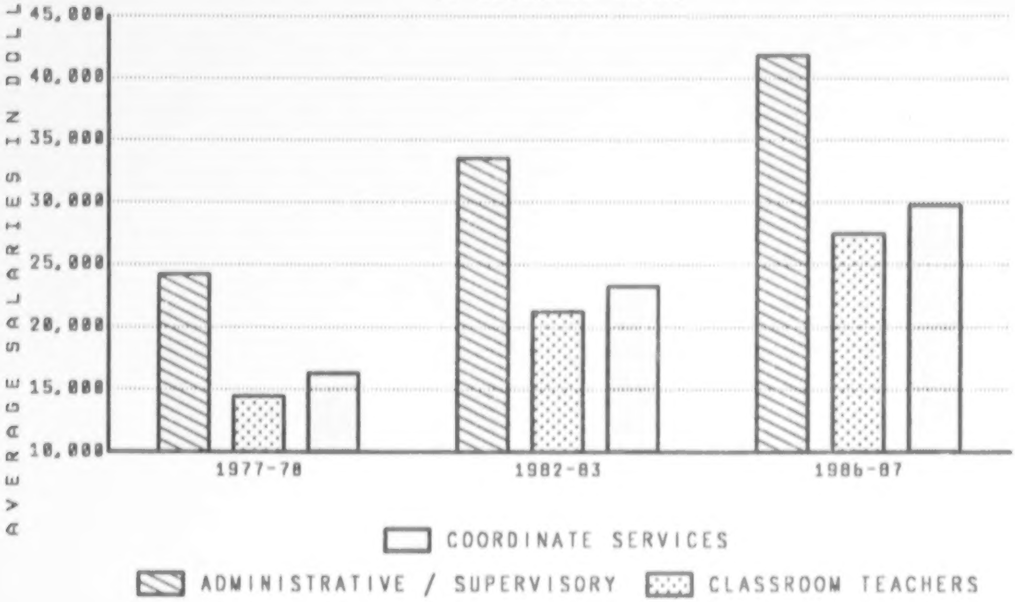


TABLE 8

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AVERAGE SALARY, AVERAGE LEVEL OF EDUCATION, AND AVERAGE YEARS OF SERVICE BY CERTIFICATED ASSIGNMENT, 1986-87

	PERSONNEL		AVERAGE LEVEL OF EDUCATION		AVERAGE YEARS OF SERVICE		AVERAGE SALARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ELEMENTARY PRINCIPAL	1 182	305	6.78	7.09	24.33	21.49	40 910	40 299
ASST OR VICE ELEM PRINCIPAL	48	19	6.56	6.68	19.40	18.47	35 390	35 273
SECONDARY PRINCIPAL	998	65	6.82	7.11	24.29	22.18	42 761	42 534
ASST OR VICE SECN PRINCIPAL	555	69	6.72	6.57	21.01	18.13	38 391	37 631
MIDDLE SCHOOL PRINCIPAL	157	18	6.82	7.39	23.34	18.61	41 575	41 364
ASST OR VICE MID SCHL PRNCPL	108	22	6.75	6.91	20.06	19.59	36 969	37 354
DIRECTOR OF ATHLETICS	40		5.63		25.03		34 339	
SUPERINTENDENT	468	32	8.30	8.06	25.85	21.97	53 362	50 196
ACTING SUPERINTENDENT	5		7.40		24.00		45 729	
SUBSTITUTE SUPERINTENDENT	7		8.14		25.00		46 674	
ASSISTANT SUPERINTENDENT	149	17	8.09	7.76	24.05	22.82	48 984	48 249
ACTING ASST SUPERINTENDENT		1		8.00		20.00		38 042
I U EXECUTIVE DIRECTOR	28		8.14		27.00		56 224	
I U ASST EXECUTIVE DIRECTOR	29	2	8.00	8.50	24.07	21.50	49 638	40 491
I U PROGRAM SPECIALIST	33	34	6.79	6.26	22.12	16.91	38 482	34 265
SCHOOL PROGRAM SPECIALIST	178	80	5.90	5.61	18.80	13.86	30 204	26 413
GIFTED CLSS, TUT/RES, ALL GRDS	20	51	6.00	5.59	16.35	15.10	29 629	27 010
GIFTED CLSS, TUT/RES, SCNDRY	34	44	5.79	5.84	16.41	13.45	28 977	27 518
SUPERVISOR, GIFTED PROGRAMS	6	2	6.67	6.50	22.50	14.50	35 002	32 099
ALTERNATE EDUCATION PROGRAM	48	21	5.35	5.38	12.08	7.05	23 811	21 317
AGRICULTURE	222	27	5.67	5.15	14.76	4.33	26 814	19 527
SUPVR AGRICULTURE	1	1	9.00	5.00	19.00	4.00	35 012	16 685
ART, ELEMENTARY	111	375	5.47	5.33	15.30	13.79	26 854	25 249
ART, SECONDARY	281	311	5.55	5.39	18.81	14.41	28 575	26 165
ART	570	955	5.66	5.52	17.76	14.10	28 416	26 628
TEACH/SUPV ART ANY ELEM SCH		1		5.00		23.00		28 302
TEACH & SUP ART ANY SEC SCH	3	1	5.33	6.00	28.00	30.00	35 482	47 075
SUPVR ART	28	29	6.64	6.41	28.82	23.07	36 919	32 501
OTHER BUS/COMM SUBJECTS	131	208	5.74	5.62	19.76	15.09	28 832	27 058
ACCOUNTING/BOOKKEEPING	294	186	5.84	5.42	20.11	14.54	29 110	25 034
SUPVR BUSINESS EDUCATION	12	6	6.83	6.67	24.75	23.83	39 201	34 308
DATA PROCESSING	63	57	5.30	5.28	15.33	9.98	27 715	24 525
MARKETING/SALES	32	17	6.50	5.47	17.53	9.00	31 819	24 292
SCRTRL, SHRTHND, OFFC PRCTC	45	383	5.73	5.56	20.60	16.47	30 286	27 025
TYPEWRITING	261	587	5.79	5.56	19.65	15.47	29 039	26 855
DISTRIBUTIVE EDUCATION	64	51	6.06	5.75	17.42	11.57	30 089	25 986
ASST TO SUPT CHRG INSTRUCT	40	5	7.53	8.40	24.93	23.40	47 049	44 311
ASST TO SUPT CHRG BUS AFFRS	39	4	6.49	5.75	22.85	9.50	43 907	24 741
SUPVR SCHOOL GUIDANCE SERV	34	7	6.56	7.14	26.15	24.71	38 167	39 809
INSTRUCTIONAL MEDIA SPEC	73	15	6.45	6.73	19.23	17.80	32 650	34 921
COORDINATOR, AV MATERIALS	4		6.75		26.00		36 921	
SUPVR INSTRUCTIONAL MEDIA	13	2	6.77	6.00	24.85	16.50	40 289	28 731
DENTAL HYGIENIST	1	74	6.00	5.59	27.00	15.01	35 565	27 112
GUIDANCE COUNSELOR, ELMNTRY	240	491	6.43	6.49	19.11	14.47	30 016	28 824
GUIDANCE COUNSELOR, SCNDRY	1 038	749	6.45	6.43	22.31	17.41	31 963	29 974
GUIDANCE COUNSELOR, MID SCHL	146	103	6.46	6.19	22.85	18.29	32 799	30 246

TABLE 8

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AVERAGE SALARY, AVERAGE LEVEL OF EDUCATION, AND AVERAGE YEARS OF SERVICE BY CERTIFICATED ASSIGNMENT, 1986-87

	PERSONNEL		AVERAGE LEVEL OF EDUCATION		AVERAGE YEARS OF SERVICE		AVERAGE SALARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
HOME AND SCHOOL VISITOR	115	175	5.93	5.85	20.81	16.67	31 846	30 402
SUPVR SCHOOL SOCIAL SERVICES	2		7.00		15.50		36 345	
MGR SCHOOL FOOD SERVICES	3	11	4.00	5.09	24.33	15.09	23 924	25 734
NUTRITION PROGRAM SPECIALIST	2	6	5.00	5.50	18.00	17.67	37 684	33 069
OCCUPATIONAL THERAPY		9		4.89		6.00		21 619
SCHOOL PSYCHOLOGIST	348	278	7.07	6.98	15.32	12.34	34 394	31 449
SUPVR SCH PSYCHOLOGICAL SERV	15	3	7.87	7.00	18.60	24.67	43 094	45 197
PSYCHOLOGICAL EXAMINER	5	3	6.80	7.00	20.00	14.67	36 963	29 871
PHYSICAL THERAPY	1	10	6.00	5.00	2.00	13.50	18 859	23 478
SCHOOL NURSE	5	1 651	5.80	5.31	13.60	14.40	28 201	26 389
SUPVR SCHOOL HEALTH SERV		7		5.71		16.43		32 274
TRADE AND INDUSTRIAL	6	2	5.00	7.00	15.67	20.00	28 681	30 197
AIR CONDITNING/REFRIGRTION	16	1	3.63	2.00	11.88	10.00	27 657	21 549
AUTOMOTIVE MACHINIST	1		3.00		18.00		36 850	
APPLIANCE REPAIR	19		3.00		11.42		27 242	
AUTO PARTS COUNTERMAN								
AUTOMOTIVE BODY AND FENDER	100	1	3.45	1.00	11.80	4.00	26 658	24 355
AUTOMOTIVE MAINTENANCE	1		3.00		18.00		27 331	
AUTOMOTIVE MECHANICS	183	1	3.93	5.00	13.84	13.00	28 814	24 750
AUTOMOTIVE TECHNOLOGY	1		5.00		26.00		34 653	
BAKER	19		4.42		9.37		28 049	
AIR CONDITIONING	10		3.20		8.10		26 120	
BARBERING								
HORTICULTURE FLORICULTURE	18	4	5.22	3.75	13.17	8.50	26 299	25 054
BUILDING TRADES MAINTENANCE	61	1	4.10	6.00	10.74	18.00	25 454	32 506
BUILDING CONSTRUCTION TRADES	17		4.59		12.24		24 461	
BUSINESS MACHINE MAINTNNCE								
VENDING MACHINE REPAIR	2		1.00		12.50		27 114	
CARPENTRY	122	1	4.30	8.00	13.56	6.00	27 717	35 704
CERAMICS VOCATIONAL	2		6.00		14.00		29 377	
COMMERCIAL ART	31	13	4.55	5.00	13.94	10.23	28 300	28 583
COMMERCIAL PHOTOGRAPHY	1		5.00		7.00		21 946	
COOK/CHEF	20	2	4.25	6.50	13.30	17.00	30 079	28 053
CONSUMER SERVICES	1	2	5.00	5.50	13.00	13.00	26 100	27 400
COSMETOLOGY	17	128	3.32	3.73	14.71	10.76	31 529	25 406
REFRIGERATION								
DIESEL MECHANIC	22		2.68		8.68		24 478	
AGRICULTURAL MECHANICS	8		4.63		12.63		26 737	
DRAFTING	65	2	5.23	5.00	17.06	12.00	29 057	25 433
AUTOMOTIVE SPECIALIST	2		3.50		23.00		28 407	
DRESSMAKING		2		6.50		11.00		35 704
ELECTRONICS	54		4.65		14.00		28 954	
ELECTRICAL, CONSTRCTN/MNT	41		4.22		11.27		27 185	
DRAFTING - ARCHITECTURAL	5		4.60		17.60		25 409	
ELECTRICAL, GENERAL	8		4.75		11.25		27 370	
DRAFTING - MECHANICAL	9		4.33		15.11		28 088	

TABLE 8

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AVERAGE SALARY, AVERAGE LEVEL OF EDUCATION, AND AVERAGE YEARS OF SERVICE BY CERTIFICATED ASSIGNMENT, 1986-87

	PERSONNEL		AVERAGE LEVEL OF EDUCATION		AVERAGE YEARS OF SERVICE		AVERAGE SALARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ELECTRIAL, INDUSTRIAL	22		4.68		12.55		30 281	
PETROLEUM PRODUCTION	2		4.00		6.50		20 808	
FABRIC MAINT SERVICES	3		5.33		14.00		34 533	
FURNITURE FINISHER/REFINISHR	1		1.00		13.00		29 232	
FOUNDRY	2		1.50		10.50		25 192	
HEATING	8		3.38		8.25		23 656	
INSTRMNTS MAINT & REPAIR								
HYDRAULICS								
MACHINE SHOP	104		4.36		15.11		28 625	
HEAVY EQUIP CONSTRUCTION	4		4.00		14.25		25 676	
MASONRY/BRICKLAYING	16		4.00		12.38		30 233	
MATERIAL HANDLING	8		4.13		11.75		27 434	
MILLWORK & CABINET MAKING	30		4.37		14.87		28 666	
LAW ENFORCEMENT	3		5.33		9.00		27 252	
PAINTING AND DECORATING	9		3.56		10.89		24 253	
INTERIOR DECORATING		2		4.00		11.00		21 576
PATTERNMAKING	2		4.50		19.50		30 318	
METAL FABRICATION	5		5.20		13.60		27 580	
PLASTICS								
MASONRY	31		3.48		12.97		27 377	
PLUMBING	34		3.74		9.56		27 264	
BRICK MASONRY	6		2.00		8.67		27 245	
PRINTING	33	1	4.45	1.00	16.94	24.00	31 807	29 232
MEAT CUTTING	4		2.25		11.75		29 200	
QUANTITY FOODS	29	15	3.66	4.53	9.55	9.53	25 718	24 237
RESTAURANT PRACTICE	13	8	4.38	5.25	15.08	10.38	29 441	23 477
RADIO/TELEVISION	14		4.00		14.93		30 619	
SEWING	1	3	5.00	5.33	20.00	14.67	29 232	25 534
SHEET METAL	15		4.33		13.00		29 870	
OCCUPATIONS - RETARDED YOUTH	8	3	5.50	5.00	16.88	12.33	25 091	22 528
SHOE MANUFACTURING/REPAIR	2		6.50		22.50		32 468	
POWER MECHANICS OCCUPATIONS	10		5.60		14.80		26 010	
SMALL ENGINE REPAIR	19		4.21		10.37		24 672	
MAINTENANCE MECHANICS	1		4.00		22.00		29 980	
TAILORING	6	1	6.00	8.00	19.83	17.00	34 397	35 704
POWER SEWING		10		5.40		12.90		33 276
TEXTILE PRODUCTN/FABRICATN	3	9	5.33	3.78	16.00	12.89	27 993	25 251
METALWORKING OCCUPATIONS	3		3.00		7.33		23 603	
TOOL AND DIE MAKING	4		4.25		18.75		29 896	
FLOOR COVERING INSTALLATION								
UPHOLSTERING	7		4.71		18.71		31 175	
GRAPHIC OCCUPATIONS	4		2.50		12.75		28 229	
WAITER/WAITRESS	2	1	7.00	6.00	10.50	17.00	35 704	29 150
WAREHOUSING	16	5	5.13	4.60	10.69	8.20	29 712	23 322
WELDING	70	1	3.56	1.00	10.31	4.00	25 841	20 174
RESEARCH LABORATORY ASSIST								

TABLE 8

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AVERAGE SALARY, AVERAGE LEVEL OF EDUCATION, AND AVERAGE YEARS OF SERVICE BY CERTIFICATED ASSIGNMENT, 1986-87

	PERSONNEL		AVERAGE LEVEL OF EDUCATION		AVERAGE YEARS OF SERVICE		AVERAGE SALARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PHOTOGRAMMETRY	3		5.33		10.00		25 989	
MASONRY OCCUPATIONS	4		3.75		7.75		23 474	
MILITARY SCIENCE (ROTC)	5		6.20		7.40		31 640	
AUTO-DIESEL MECHANIC	8		3.88		12.50		26 042	
BLUE PRINT READING	3		5.67		16.00		26 045	
HOTEL/MOTEL MANAGEMENT	1		1.00		6.00		24 989	
GRAPHIC ARTS	33	4	4.48	4.75	11.36	10.00	25 752	25 242
ELECTRICAL OCCUPATIONS	21		3.67		11.14		24 423	
IND. PROD. AND MAINT.	7		5.00		12.14		28 784	
ELECTRONIC COMPOSITION	1		5.00		15.00		22 141	
DRAPERY & SLIP COVER								
ELEC POWER & COMM LINEPERSON	1		2.00		6.00		23 050	
LUMBERING	1		5.00		6.00		26 310	
SUPR OF VOCATIONAL EDUC	12		6.25		21.83		37 944	
RELATED SUBJECTS	4	1	5.00	5.00	8.00	6.00	20 649	18 660
CHEMICAL TECHNOLOGY	4		5.75		11.25		30 519	
CIVIL TECHNOLOGY	4		3.75		12.75		30 960	
ENGINEERING RELATED TECH	2		5.00		7.50		25 724	
ARCHITECTURAL-DESIGN TECH	4		4.75		17.75		34 465	
MECHANICAL DESIGN TECHNOLOGY	10	2	5.30	5.50	12.70	23.00	29 335	28 261
ELECTRICAL TECHNOLOGY	5		3.60		10.40		24 937	
ELECTRO-MECHANICAL TECH	6		3.17		3.33		24 453	
ELECTRONICS COMMUNICATIONS	2		5.50		14.50		30 704	
ELECTRONICS TECHNOLOGY	30	1	4.37	5.00	12.03	1.00	26 301	29 232
INDUSTRIAL TECHNOLOGY	1		6.00		11.00		26 940	
ENVIRONMENTAL CONTROL TECH	2		6.00		10.50		36 652	
FLORACULTURE								
INSTRUMENTATION TECHNOLOGY	2		6.50		19.00		33 835	
OPTICS	1		1.00		27.00		29 232	
MECHANICAL TECHNOLOGY								
METALLURGICAL TECHNOLOGY	1		5.00		1.00		21 000	
NUCLEAR TECHNOLOGY								
COMPUTER TECHNOLOGY	53	26	5.15	5.15	15.60	11.96	28 372	24 654
TOOL AND DIE DESIGN TECH	1		3.00		23.00		29 015	
DENTAL ASSISTANT	1	14	6.00	4.21	8.00	8.07	27 628	25 639
HEALTH ASSISTANT	3	74	3.00	4.65	14.00	9.65	24 627	24 867
DENTAL LABRTORY TECHNICIAN	1		3.00		6.00		25 750	
ENV. HEALTH ASSIST.		1		5.00		18.00		33 912
HOSPITAL FOOD SERV	1		3.00		8.00		28 375	
MEDICAL ASSISTANT		16		5.19		12.56		27 814
MEDICAL LABRTORY ASSISTANT	1	3	6.00	6.67	15.00	6.00	37 600	28 014
MEDICAL X-RAY TECHNICIAN								
NURSES AIDE		13		6.69		11.92		33 161
OCCUPATNAL THERPY ASSISTNT		2		3.00		7.50		20 423
PHYSICAL THERAPY ASSISTANT								
PRACTICAL NURSING		39		5.08		8.69		24 715

TABLE 8

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AVERAGE SALARY, AVERAGE LEVEL OF EDUCATION, AND AVERAGE YEARS OF SERVICE BY CERTIFICATED ASSIGNMENT, 1986-87

	PERSONNEL		AVERAGE LEVEL OF EDUCATION		AVERAGE YEARS OF SERVICE		AVERAGE SALARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
COORDINATOR PRAC NURSING		13		5.62		12.31		30 603
SURGICAL (OPER RM) TECHNCN								
AGR POWER & MACHINERY								
VOCATIONAL ADMIN DIRECTOR	76	5	7.00	6.80	22.55	20.00	43 476	42 734
ASST VOCATIONAL DIRECTOR	21		6.48		19.14		38 796	
SUPVR DISTRIBUTIVE ED	3		5.67		25.00		37 859	
SUPVR TRADE-INDUSTRIAL ED	16		6.44		23.19		37 550	
COOPERATIVE EDUCATION	174	46	5.89	5.87	19.50	15.48	31 801	29 711
AERONAUTICAL TECHNOLOGY								
AIRFRAME								
AIRCRAFT MAINTENANCE								
AIRCRAFT ENGINE MECHANIC	1		3.00		8.00		16 719	
AUDIO-VISUAL COMM TECH	15		4.87		18.33		30 362	
SUPVR COOPERATIVE EDUCATION	2		6.50		16.50		35 980	
CUSTODIAL SERVICES	4		3.75		11.75		29 986	
MINE EQUIPMENT MAINTENANCE	1		4.00		5.00		26 286	
ORNAMENTAL HORTICULTURE	7	2	5.86	5.00	16.86	7.00	29 783	21 174
VOCATIONAL INSTRUCTION	42	15	4.81	5.20	15.55	9.20	28 076	21 530
SUPVR COMP VOC EDUCATION	12	5	6.58	6.00	20.00	14.80	38 299	34 230
EDUCNL PROGRAM SPECIALIST	28	27	6.36	5.70	17.71	11.89	30 737	25 017
ELEMENTARY	6 569	26 421	5.79	5.54	17.26	15.64	28 316	26 944
GIFTED CLASSES, ELEMENTARY	55	318	6.00	5.83	17.07	13.68	29 784	26 798
SUPVR ELEMENTARY EDUCATION	36	32	7.19	7.22	25.25	23.50	44 614	40 931
SUPVR SECONDARY EDUCATION	13	6	6.85	6.17	27.46	14.17	47 667	31 617
SUPVR EARLY CHILDHOOD	1	3	9.00	6.33	13.00	17.00	37 039	32 090
EARLY CHILDHOOD	20	880	5.45	5.38	10.15	13.20	23 596	25 189
SUPVR CURRICULUM & INST	81	21	7.56	7.71	25.37	20.14	44 001	41 268
SUPVR PUPIL PERSONNEL SERV	76	15	7.28	8.00	25.87	22.40	43 844	42 266
CRDNTR, SPCLLY FNDD PROGRAMS	28	18	7.29	6.28	24.68	14.72	37 960	31 488
GENERAL ENGLISH/COMMUNICATION	1 756	3 008	5.71	5.53	18.90	15.13	29 323	26 515
SUPVR ENGLISH/COMMUNICATION	19	31	7.37	6.97	22.68	24.42	41 053	39 232
DRAMA	10	15	5.90	5.60	17.10	16.20	30 047	28 175
JOURNALISM	7	15	5.71	5.67	16.86	16.20	26 552	28 162
SPEECH	17	34	5.65	5.62	21.00	17.35	30 402	27 706
ARABIC								
GREEK								
HEBREW	1	2	8.00	6.50	27.00	8.00	35 704	33 927
KOREAN								
LATIN	71	90	6.32	5.76	18.66	14.91	30 756	26 490
SANSKRIT								
CHINESE		1		6.00		1.00		17 912
FRENCH	174	611	6.18	5.69	19.32	15.05	30 393	27 172
FRENCH, ELEMENTARY		1		5.00		11.00		23 315
SUPVR FOREIGN LANGUAGES	6	7	7.67	6.14	25.67	25.71	46 894	36 800
GERMAN	166	214	5.78	5.70	18.01	14.52	29 618	26 668
GERMAN, ELEMENTARY								

TABLE 8

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AVERAGE SALARY, AVERAGE LEVEL OF EDUCATION, AND AVERAGE YEARS OF SERVICE BY CERTIFICATED ASSIGNMENT, 1986-87

	PERSONNEL		AVERAGE LEVEL OF EDUCATION		AVERAGE YEARS OF SERVICE		AVERAGE SALARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ITALIAN	10	13	6.60	5.46	16.30	14.38	31 521	29 201
JAPANESE		1		6.00		13.00		33 101
LITHUANIAN								
POLISH								
PORTUGUESE								
RUMANIAN								
RUSSIAN	4	5	6.25	6.00	21.50	12.20	28 551	28 304
SPANISH	333	879	5.94	5.71	18.60	13.99	30 052	26 922
SPANISH, ELEMENTARY	1	2	7.00	5.00	10.00	9.00	35 704	18 611
UKRAINIAN								
VIETNAMESE								
ENGLISH AS SEC LNGG, SCNDRY	11	44	5.55	5.59	9.91	11.25	22 796	23 673
ENGLISH AS SEC LNGG, ELMNTRY	2	34	6.00	5.65	11.00	11.94	26 430	24 314
HEALTH AND PE, ELEMENTARY	306	195	5.47	5.36	17.08	13.53	28 840	26 089
HEALTH AND PE, SECONDARY	690	586	5.53	5.35	18.28	14.64	28 694	26 332
HEALTH & PHYSICAL EDUC	1 760	1 250	5.72	5.50	17.81	15.09	29 628	27 362
HEALTH	158	90	5.50	5.32	17.68	15.66	27 258	25 687
TCH/SUPV HLTH & PE ELEM SCH	2	1	5.50	6.00	22.50	29.00	29 981	31 897
TCH/SUPV HLTH & PE SEC SCH	8	3	6.50	5.67	18.75	10.00	34 840	21 627
SUPVR HEALTH AND PHYS ED	97	30	6.59	5.93	27.52	24.47	36 405	32 702
SUPV PHYSICAL EDUCATION	6	2	5.50	5.00	21.00	20.00	28 643	25 335
PHYSICAL EDUCATION	199	157	5.52	5.36	17.60	16.20	26 842	25 450
ENVIRONMENTAL EDUCATION	27	18	5.63	5.33	17.26	15.72	29 929	29 227
SUPERVISOR HEALTH	1		6.00		30.00		31 144	
INITIAL DR ED AIDE (PUB SCH)								
PERM DR ED AIDE (PUB SCH)								
DR TRAINING INSTR (PVT SCH)								
SUPVR/DIR (PVT DRIVER SCH)								
DRIVER EDUCATION	357	14	5.47	5.14	21.22	12.29	28 266	23 901
SAFETY EDUCATION	15	1	5.73	5.00	24.87	32.00	30 210	26 870
HOME ECONOMICS	4	1 914	5.75	5.40	19.00	14.56	31 267	25 857
SUPVR HOME ECONOMICS		6		6.33		23.67		34 478
I.A. GENERAL SHOP	1 546	12	5.53	5.17	17.19	8.33	28 129	20 810
I.A. DRAWING UNIT SHOP	137	1	5.58	6.00	18.12	29.00	28 308	28 830
I.A. ART CRAFTS UNIT SHOP	2		5.00		14.50		25 097	
SUPVR INDUSTRIAL ARTS	22		6.14		24.91		38 283	
I.A. ELECTRICITY UNIT SHOP	53	1	5.60	5.00	18.47	24.00	29 058	29 232
I.A. AUTOMOTIVES UNIT SHOP	17		5.59		16.29		27 481	
I.A. GRAPHIC ARTS UNIT SHOP	94	1	5.64	5.00	16.27	1.00	26 970	15 161
I.A. CERAMICS UNIT SHOP	2		6.00		23.00		35 825	
I.A. METAL UNIT SHOP	185	1	5.48	5.00	17.53	28.00	27 561	29 475
I.A. PLASTICS UNIT SHOP	4		5.50		20.25		28 055	
I.A. WOOD UNIT SHOP	275	2	5.46	5.50	19.64	12.50	28 212	26 835
I.A. TEXTILES UNIT SHOP								
I.A. PRINTING UNIT SHOP	13		5.31		17.62		27 938	
LIBRARY SCIENCE, ELEMENTARY	39	619	6.10	5.68	17.97	14.89	30 140	26 659

TABLE 8

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AVERAGE SALARY, AVERAGE LEVEL OF EDUCATION, AND AVERAGE YEARS OF SERVICE BY CERTIFICATED ASSIGNMENT, 1986-87

	PERSONNEL		AVERAGE LEVEL OF EDUCATION		AVERAGE YEARS OF SERVICE		AVERAGE SALARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
SUPVR LIBRARY SCIENCE	4	14	6.75	6.21	22.00	18.71	39 545	32 508
LIBRARY SCIENCE (K-12)	198	1 208	6.03	5.84	19.99	15.54	30 022	27 191
MATHEMATICS	3 930	2 388	5.83	5.62	18.86	13.65	29 490	26 169
SUPVR MATHEMATICS	41	16	6.98	7.13	23.90	23.69	40 095	36 073
MUSIC, ELEMENTARY	257	463	5.68	5.35	18.19	14.38	28 360	25 154
MUSIC, SECONDARY	382	203	5.65	5.41	15.92	13.31	26 936	24 480
MUSIC	1 345	1 051	5.64	5.50	16.76	14.67	27 453	26 246
INSTRUMENTAL MUSIC	1		6.00		14.00		32 650	
VOCAL MUSIC								
TCH/SUPV MUSIC ANY ELEM SCH	1	3	7.00	5.00	12.00	20.00	25 100	26 405
TEACH & SUP MUSIC ANY SEC SC	2	2	6.50	5.50	32.00	24.00	31 936	35 057
SUPVR MUSIC	59	27	6.42	6.04	25.36	24.19	35 861	34 496
DEVMTL READING CLASSES	210	694	5.85	5.80	17.15	14.21	28 028	25 618
SUPVR READING	32	104	7.16	6.81	23.19	21.24	37 534	33 116
DGNSTC/PRESCRIPTIVE READING	448	2 648	6.32	6.14	15.99	14.42	28 705	27 212
DIRECTOR OF RECREATION	4		7.00		29.00		40 654	
ARBORETUM AVIARY, GREENHOUSE		1		8.00		28.00		35 704
PLANETARIUM, MTRLGCL STATION	16		6.50		21.38		32 489	
BIOLOGY	1 160	423	5.92	5.75	19.13	13.20	29 720	26 617
SUPVR SCIENCE	39	5	7.38	7.20	24.79	29.80	40 202	42 899
CHEMISTRY	641	206	6.05	5.79	19.32	13.73	29 854	26 376
EARTH AND SPACE SCIENCE	468	90	5.73	5.56	17.27	13.62	27 483	25 087
EARTH AND SPACE SCIENCE, INTMDT	21	2	5.38	5.50	17.38	10.00	26 963	25 184
GENERAL SCIENCE	1 428	509	5.80	5.58	18.57	14.50	29 249	26 468
PHYSICS	385	53	6.04	5.58	18.46	11.98	29 771	25 412
SCIENCE, INTRDSCPLNRY, ADVNCD	27	8	5.89	5.13	19.41	12.00	28 463	24 304
ANTHROPOLOGY	8	1	6.00	5.00	21.25	22.00	31 687	29 795
SUPVR SOCIAL STUDIES	30	6	7.03	7.67	24.97	23.17	42 017	36 829
ECONOMICS	87	8	5.69	5.13	21.75	20.13	30 417	26 677
GEOGRAPHY	228	34	5.64	5.50	21.76	17.38	28 994	26 111
GOVERNMENT	117	14	5.75	5.64	20.97	17.36	28 833	26 194
HISTORY	994	174	5.75	5.79	20.49	18.16	30 066	29 523
PSYCHOLOGY, SCL OR BHVRL SCNC	55	23	6.11	6.04	20.45	19.00	30 944	30 796
PSYCHOLOGIST, ITRDSCPLNRY SCNC	1		9.00		30.00		41 410	
ROTC INSTRUCTOR	10		4.50		9.90		27 302	
PHILOSOPHY		1		5.00		15.00		37 790
SOCIAL STUDIES	3 645	784	5.78	5.67	19.71	15.72	29 393	27 404
SOCIOLOGY	34	3	5.68	5.33	19.50	11.33	31 143	23 298
HEARING IMPAIRED	37	271	6.05	5.96	15.32	11.79	29 680	26 217
SUPVR SPECIAL EDUCATION	209	142	6.77	6.76	19.42	17.28	39 240	36 660
MENT AND/OR PHYS HNDCPPD LRNNG DSBLD	1 681	5 961	5.70	5.53	13.38	9.19	27 015	23 629
LEARNING DISABLED								
SPEECH CORRECTION	185	1 307	5.84	5.71	17.26	11.01	29 025	25 057
VISUALLY IMPAIRED	36	142	6.03	5.94	16.19	11.11	29 125	26 521
SOCIAL RESTORATION	15	8	5.73	6.00	11.93	5.25	26 753	22 337
OTHER	4 595	6 077	6.04	5.76	18.80	14.34	32 136	28 188

TABLE 8

DISTRIBUTION OF PROFESSIONAL PERSONNEL BY AVERAGE SALARY, AVERAGE LEVEL OF EDUCATION, AND AVERAGE YEARS OF SERVICE BY CERTIFICATED ASSIGNMENT, 1986-87

	PERSONNEL		AVERAGE LEVEL OF EDUCATION		AVERAGE YEARS OF SERVICE		AVERAGE SALARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL	48 944	70 807	5.89	5.63	18.63	14.50	30 594	26 817

TABLE 9

DISTRIBUTION OF WITHDRAWALS FROM THE PROFESSIONAL STAFF BY REASON FOR WITHDRAWAL BY CERTIFICATED ASSIGNMENT, 1986-87

	TRANSFERRED															
ASSIGNMENT NAME	OTHER PA. UNIT	OUT OF STATE	TO PRIV. SCH.	TOTAL	REPL. REG. TEACH	FURL. LAID/ OFF	ATTEN COLL/ UNIV.	MARRY CHILD BIRTH	POS. PRIV. INDUS	SPOUS TRANS	RET. IRE-MENT	ILL. NESS	DEA-TH	OTHER	TOTAL	TOTAL WITHD-RAWALS
ELEMENTARY PRINCIPAL	17	2		19					2		82		5	4	93	112
ASST OR VICE ELEM PRINCIPAL											2				2	2
SECONDARY PRINCIPAL	20	1		21	2				5		60	1	3	9	80	101
ASST OR VICE SECN PRINCIPAL	27	3		30	1						16		1		18	48
MIDDLE SCHOOL PRINCIPAL	1			1							5				5	6
ASST OR VICE MID SCHL PRNCPL	3		1	4	1						1		1		3	7
DIRECTOR OF ATHLETICS	2			2												2
SUPERINTENDENT	23	6	2	31					1		44			3	48	79
ACTING SUPERINTENDENT	1			1										1	1	2
SUBSTITUTE SUPERINTENDENT																
ASSISTANT SUPERINTENDENT	11	1		12							6				6	18
ACTING ASST SUPERINTENDENT	1			1							1				1	2
I U EXECUTIVE DIRECTOR											3				3	3
I U ASST EXECUTIVE DIRECTOR											1				1	1
I U PROGRAM SPECIALIST	3	1		4					2					3	5	9
SCHOOL PROGRAM SPECIALIST	2	2		4	1	2	1	1	1	1	4		2	2	15	19
GIFTED CLSS, TUT/RES, ALL GRDS	4			4						1					1	5
GIFTED CLSS, TUT/RES, SCNDRY	1			1							2				2	3
SUPERVISOR, GIFTED PROGRAMS										1					1	1
ALTERNATE EDUCATION PROGRAM	3	1	1	5		1	1					1		2	5	10
AGRICULTURE	3	2	1	6	4	1			5		12		1	4	27	33
SUPVR AGRICULTURE																
ART, ELEMENTARY	1			1	16	3		4		3	12			1	39	40
ART, SECONDARY		1		1	11			1	1	3	11			2	29	30
ART	6	2		8	13	5		6	2	2	32	3		6	69	77
TEACH/SUPV ART ANY ELEM SCH																
TEACH & SUP ART ANY SEC SCH													1		1	1
SUPVR ART											5				5	5
OTHER BUS/COMM SUBJECTS	4	1		5	3	3			1	1	12			1	21	26
ACCOUNTING/BOOKKEEPING	6	1		7	4	1			2		15				22	29
SUPVR BUSINESS EDUCATION											1				1	1
DATA PROCESSING	3			3		2					1			4	7	10
MARKETING/SALES		1		1	3									1	4	5
SCRTRL, SHRTHND, OFFC PRCTC	3		1	4	4	3		5	1	2	12		1	2	30	34
TYPEWRITING	3	1		4	10	3		4	3	1	29		1	2	53	57
DISTRIBUTIVE EDUCATION	1	1		2	1					1	4			1	7	9
ASST TO SUPT CHRG INSTRUCT											2				2	2
ASST TO SUPT CHRG BUS AFFRS	1			1					2		4		1		7	8
SUPVR SCHOOL GUIDANCE SERV											2				2	2
INSTRUCTIONAL MEDIA SPEC	1			1					1		1				2	3
COORDINATOR, AV MATERIALS											1				1	1
SUPVR INSTRUCTIONAL MEDIA					1										1	1
DENTAL HYGIENIST	1			1		1	2	1			2			1	7	8
GUIDANCE COUNSELOR, ELMNTRY	6	1	1	8	10	1		1		3	18			2	35	43
GUIDANCE COUNSELOR, SCNDRY	18	5	2	25	3	1	1	3	4	2	55		4	5	78	103
GUIDANCE COUNSELOR, MID SCHL		1	1	2							7		1	1	9	11
HOME AND SCHOOL VISITOR	1		1	2	1				1		7				9	11
SUPVR SCHOOL SOCIAL SERVICES																
MGR SCHOOL FOOD SERVICES										1	1	1		1	4	4

TABLE 9

DISTRIBUTION OF WITHDRAWALS FROM THE PROFESSIONAL STAFF BY REASON FOR WITHDRAWAL BY CERTIFICATED ASSIGNMENT, 1986-87

	TRANSFERRED															
ASSIGNMENT NAME	OTHER PA. UNIT	OUT OF STATE	TO PRIV. SCH.	TOTAL	REPL. REG. TEACH	FURL. LAID/ OFF	ATTEN COLL/ UNIV.	MARRY CHILD BIRTH	POS. PRIV. INDUS	SPOUS TRANS	RET. IRE- MENT	ILL. NESS	DEA- TH	OTHER	TOTAL	TOTAL WITHD- RAWALS
NUTRITION PROGRAM SPECIALIST											1				1	1
OCCUPATIONAL THERAPY					1			1							2	2
SCHOOL PSYCHOLOGIST	8			8		1	1	3	4	1	10		1	5	26	34
SUPVR SCH PSYCHOLOGICAL SERV											1				1	1
PSYCHOLOGICAL EXAMINER											1				1	1
PHYSICAL THERAPY											1				1	1
SCHOOL NURSE	6			6	11	3	1	8	4	2	93		4	5	131	137
SUPVR SCHOOL HEALTH SERV											1				1	1
TRADE AND INDUSTRIAL														1	1	1
AIR CONDITNING/REFRIGRTION																
AUTOMOTIVE MACHINIST																
APPLIANCE REPAIR											1		1		2	2
AUTO PARTS COUNTERMAN																
AUTOMOTIVE BODY AND FENDER	1			1	1	2			1		1			2	7	8
AUTOMOTIVE MAINTENANCE											1				1	1
AUTOMOTIVE MECHANICS	3			3		1	1		1		10		1	3	17	20
AUTOMOTIVE TECHNOLOGY																
BAKER	1			1							2				2	3
AIR CONDITIONING						1			1						2	2
BARBERING																
HORTICULTURE FLORICULTURE																
BUILDING TRADES MAINTENANCE		1		1					1		3				4	5
BUILDING CONSTRUCTION TRADES																
BUSINESS MACHINE MAINTNNCE											2				2	2
VENDING MACHINE REPAIR																
CARPENTRY			1	1		1			1		6				8	9
CERAMICS VOCATIONAL																
COMMERCIAL ART					1	1					2				4	4
COMMERCIAL PHOTOGRAPHY																
COOK/CHEF						1					1				2	2
CONSUMER SERVICES											1				1	1
COSMETOLOGY	1			1	1	1		1	1		4	1		1	10	11
REFRIGERATION											1				1	1
DIESEL MECHANIC														1	1	1
AGRICULTURAL MECHANICS																
DRAFTING											6		1	1	8	8
AUTOMOTIVE SPECIALIST												1			1	1
DRESSMAKING																
ELECTRONICS	1	1		2	1				1		4		1	2	9	11
ELECTRICAL, CONSTRCTN/MNT	1	1		2					1		1				2	4
DRAFTING - ARCHITECTURAL											1			1	2	2
ELECTRICAL, GENERAL																
DRAFTING - MECHANICAL						1									1	1
ELECTRIAL, INDUSTRIAL						1					1				2	2
PETROLEUM PRODUCTION																
FABRIC MAINT SERVICES																
FURNITURE FINISHER/REFINISHR																
FOUNDRY																
HEATING														1	1	1

TABLE 9

DISTRIBUTION OF WITHDRAWALS FROM THE PROFESSIONAL STAFF BY REASON FOR WITHDRAWAL BY CERTIFICATED ASSIGNMENT, 1986-87

	TRANSFERRED															
ASSIGNMENT NAME	OTHER PA. UNIT	OUT OF STATE	TO PRIV. SCH.	TOTAL	REPL. REG. TEACH	FURL. LAID/ OFF	ATTEN COLL/ UNIV.	MARRY CHILD BIRTH	POS. PRIV. INDUS	SPOUS TRANS	RET-IRE-MENT	ILL-NESS	DEA-TH	OTHER	TOTAL	TOTAL WITHD-RAWALS
INSTRMNTS MAINT & REPAIR																
HYDRAULICS																
MACHINE SHOP	1			1		1			1		7			3	12	13
HEAVY EQUIP CONSTRUCTION																
MASONRY/BRICKLAYING											1				1	1
MATERIAL HANDLING																
MILLWORK & CABINET MAKING																
LAW ENFORCEMENT																
PAINTING AND DECORATING																
INTERIOR DECORATING											1				1	1
PATTERNMAKING																
METAL FABRICATION																
PLASTICS																
MASONRY											1			1	2	2
PLUMBING			1	1					1		4			1	6	7
BRICK MASONRY											1				1	1
PRINTING					1	1					3				5	5
MEAT CUTTING														1	1	1
QUANTITY FOODS	2			2	2	1			1		1		1		6	8
RESTAURANT PRACTICE																
RADIO/TELEVISION	1			1							1				1	2
SEWING																
SHEET METAL						1			1		1				3	3
OCCUPATIONS - RETARDED YOUTH		1		1												1
SHOE MANUFACTURING/REPAIR																
POWER MECHANICS OCCUPATIONS														1	1	1
SMALL ENGINE REPAIR	2			2		1					1				2	4
MAINTENANCE MECHANICS																
TAILORING										1	1				2	2
POWER SEWING											1				1	1
TEXTILE PRODUCTN/FABRICATN						2					1				3	3
METALWORKING OCCUPATIONS																
TOOL AND DIE MAKING																
FLOOR COVERING INSTALLATION																
UPHOLSTERING																
GRAPHIC OCCUPATIONS																
WAITER/WAITRESS						1									1	1
WAREHOUSING						1			1					1	3	3
WELDING					1	3			1		2			4	11	11
RESEARCH LABORATORY ASSIST																
PHOTOGRAMMETRY																
MASONRY OCCUPATIONS																
MILITARY SCIENCE (ROTC)																
AUTO-DIESEL MECHANIC																
BLUE PRINT READING																
HOTEL/MOTEL MANAGEMENT							1								1	1
GRAPHIC ARTS	1			1	2					1	1		1	1	6	7
ELECTRICAL OCCUPATIONS											1				1	1
IND. PROD. AND MAINT.																

TABLE 9

DISTRIBUTION OF WITHDRAWALS FROM THE PROFESSIONAL STAFF BY REASON FOR WITHDRAWAL BY CERTIFICATED ASSIGNMENT, 1986-87

ASSIGNMENT NAME	TRANSFERRED OTHER PA. UNIT	OUT OF STATE	TO PRIV. SCH.	TOTAL	REPL. REG. TEACH	FURL. LAID/ OFF	ATTEN COLL/ UNIV.	MARRY CHILD BIRTH	POS. PRIV. INDUS	SPOUS TRANS	RET. IRE-MENT	ILL. NESS	DEA-TH	OTHER	TOTAL	TOTAL WITHD-RAWALS
ELECTRONIC COMPOSITION																
DRAPERY & SLIP COVER																
ELEC POWER & COMM LINEPERSON																
LUMBERING																
SUPR OF VOCATIONAL EDUC																
RELATED SUBJECTS	1			1												1
CHEMICAL TECHNOLOGY						1					1				2	2
CIVIL TECHNOLOGY																
ENGINEERING RELATED TECH																
ARCHITECTURAL-DESIGN TECH																
MECHANICAL DESIGN TECHNOLOGY																
ELECTRICAL TECHNOLOGY																
ELECTRO-MECHANICAL TECH																
ELECTRONICS COMMUNICATIONS																
ELECTRONICS TECHNOLOGY					1						1	1			3	3
INDUSTRIAL TECHNOLOGY																
ENVIRONMENTAL CONTROL TECH																
FLORACULTURE																
INSTRUMENTATION TECHNOLOGY											1				1	1
OPTICS																
MECHANICAL TECHNOLOGY																
METALLURGICAL TECHNOLOGY											1				1	1
NUCLEAR TECHNOLOGY																
COMPUTER TECHNOLOGY	2			2		1			1	1	1		1		5	7
TOOL AND DIE DESIGN TECH																
DENTAL ASSISTANT											2				2	2
HEALTH ASSISTANT	2			2		2	1		2					2	7	9
DENTAL LABRTORY TECHNICIAN																
ENV. HEALTH ASSIST.																
HOSPITAL FOOD SERV																
MEDICAL ASSISTANT										1					1	1
MEDICAL LABRTORY ASSISTANT											1				1	1
MEDICAL X-RAY TECHNICIAN																
NURSES AIDE																
OCCUPATNAL THERPY ASSISTNT																
PHYSICAL THERAPY ASSISTANT																
PRACTICAL NURSING						1		1	1		1			3	7	7
COORDINATOR PRAC NURSING											2				2	2
SURGICAL (OPER RM) TECHNCN																
AGR POWER & MACHINERY																
VOCATIONAL ADMIN DIRECTOR											8				8	8
ASST VOCATIONAL DIRECTOR	2			2					1						1	3
SUPVR DISTRIBUTIVE ED																
SUPVR TRADE-INDUSTRIAL ED	1			1							1				1	2
COOPERATIVE EDUCATION	4		1	5	1	2			1		4				8	13
AERONAUTICAL TECHNOLOGY																
AIRFRAME																
AIRCRAFT MAINTENANCE																
AIRCRAFT ENGINE MECHANIC																

TABLE 9

DISTRIBUTION OF WITHDRAWALS FROM THE PROFESSIONAL STAFF BY REASON FOR WITHDRAWAL BY CERTIFICATED ASSIGNMENT, 1986-87

ASSIGNMENT NAME	TRANSFERRED OTHER PA. UNIT	OUT OF STATE	TO PRIV. SCH.	TOTAL	REPL. REG. TEACH	FURL. LAID/ OFF	ATTEN COLL/ UNIV.	MARRY CHILD BIRTH	POS. PRIV. INDUS	SPOUS TRANS	RET. IRE- MENT	ILL. NESS	DEA- TH	OTHER	TOTAL	TOTAL WITHD- RAWALS
AUDIO-VISUAL COMM TECH									1						1	1
SUPVR COOPERATIVE EDUCATION																
CUSTODIAL SERVICES											1				1	1
MINE EQUIPMENT MAINTENANCE											1				1	1
ORNAMENTAL HORTICULTURE											1				1	1
VOCATIONAL INSTRUCTION	1			1	1						1			1	3	4
SUPVR COMP VOC EDUCATION											1	1		1	3	3
EDUCNL PROGRAM SPECIALIST					2										2	2
ELEMENTARY	83	34	3	120	195	41	3	123	23	64	612	9	45	77	1,192	1,312
GIFTED CLASSES, ELEMENTARY	5	3	1	9			1	4	3		8			1	17	26
SUPVR ELEMENTARY EDUCATION	1			1				1	1		2				4	5
SUPVR SECONDARY EDUCATION																
SUPVR EARLY CHILDHOOD																
EARLY CHILDHOOD		3	1	4	7	1		2		3	19			1	33	37
SUPVR CURRICULUM & INST	3	1	2	6							1				1	7
SUPVR PUPIL PERSONNEL SERV											7				7	7
CRDNTR, SPCLLY FNDD PROGRAMS	1			1						1	5				6	7
GENERAL ENGLISH/COMMUNICATION	23	9	3	35	54	17	2	12	11	7	90	2	5	18	218	253
SUPVR ENGLISH/COMMUNICATION											3			1	4	4
DRAMA																
JOURNALISM											1			1	2	2
SPEECH		1		1												1
ARABIC																
GREEK																
HEBREW																
KOREAN																
LATIN	1	2		3	1	2			3		4	1	1	5	17	20
SANSKRIT																
CHINESE																
FRENCH	6	1		7	9	6	1	6		6	9			4	41	48
FRENCH, ELEMENTARY																
SUPVR FOREIGN LANGUAGES																
GERMAN	4			4	7	2				1	7			5	22	26
GERMAN, ELEMENTARY																
ITALIAN																
JAPANESE																
LITHUANIAN																
POLISH																
PORTUGUESE																
RUMANIAN																
RUSSIAN																
SPANISH	6	3	2	11	16	7	1	6	4	5	22		1	11	73	84
SPANISH, ELEMENTARY																
UKRAINIAN																
VIETNAMESE																
ENGLISH AS SEC LNGG, SCNDRY	1			1	1				1		2	1			5	6
ENGLISH AS SEC LNGG, ELMNTRY		1		1	1					1	1				3	4
HEALTH AND PE, ELEMENTARY	1	1	2	4	6	3		2	2	1	8			2	24	28
HEALTH AND PE, SECONDARY	8		4	12	10	5		2	4	1	20		2	7	51	63

TABLE 9

DISTRIBUTION OF WITHDRAWALS FROM THE PROFESSIONAL STAFF BY REASON FOR WITHDRAWAL BY CERTIFICATED ASSIGNMENT, 1986-87

	TRANSFERRED															
ASSIGNMENT NAME	OTHER PA. UNIT	OUT OF STATE	TO PRIV. SCH.	TOTAL	REPL. REG. TEACH	FURL. LAID/ OFF	ATTEN COLL/ UNIV.	MARRY CHILD BIRTH	POS. PRIV. INDUS	SPOUS TRANS	RET. IRE- MENT	ILL. NESS	DEA- TH	OTHER	TOTAL	TOTAL WITHD- RAWALS
HEALTH & PHYSICAL EDUC	7	4	4	15	14	9	2	4	3	3	57	1	1	7	101	116
HEALTH			1	1	3	2		1			11		1	2	20	21
TCH/SUPV HLTH & PE ELEM SCH																
TCH/SUPV HLTH & PE SEC SCH											2				2	2
SUPVR HEALTH AND PHYS ED											8		1		9	9
SUPV PHYSICAL EDUCATION																
PHYSICAL EDUCATION			2	2	2				1		10	1	1		15	17
ENVIRONMENTAL EDUCATION																
SUPERVISOR HEALTH																
INITIAL DR ED AIDE (PUB SCH)																
PERM DR ED AIDE (PUB SCH)																
DR TRAINING INSTR (PVT SCH)																
SUPVR/DIR (PVT DRIVER SCH)																
DRIVER EDUCATION	2	1	1	4	3	1			1		26		2		33	37
SAFETY EDUCATION											1				1	1
HOME ECONOMICS	7	4		11	28	24		12	6	3	56	1	2	12	144	155
SUPVR HOME ECONOMICS																
I.A. GENERAL SHOP	4	2	2	8	10	12		1	3		38	1	2	9	76	84
I.A. DRAWING UNIT SHOP						1					6				7	7
I.A. ART CRAFTS UNIT SHOP																
SUPVR INDUSTRIAL ARTS	1			1												1
I.A. ELECTRICITY UNIT SHOP						1					2				3	3
I.A. AUTOMOTIVES UNIT SHOP	1			1												1
I.A. GRAPHIC ARTS UNIT SHOP						2			1				1		4	4
I.A. CERAMICS UNIT SHOP																
I.A. METAL UNIT SHOP	1			1		1			2		3				6	7
I.A. PLASTICS UNIT SHOP																
I.A. WOOD UNIT SHOP	1			1	2	1			1		7				11	12
I.A. TEXTILES UNIT SHOP																
I.A. PRINTING UNIT SHOP																
LIBRARY SCIENCE, ELEMENTARY	2	5		7	10	1	1	2	2	3	18			4	41	48
SUPVR LIBRARY SCIENCE											3				3	3
LIBRARY SCIENCE (K-12)	11	6		17	11	2	1	4	2	3	44		4	2	73	90
MATHEMATICS	31	8	5	44	46	18	10	18	12	11	128	4	6	26	279	323
SUPVR MATHEMATICS	2			2							2				2	4
MUSIC, ELEMENTARY	3	2		5	15	4	1	7	1		21		3	6	58	63
MUSIC, SECONDARY	6	4		10	10	1	2	1	2		12			9	37	47
MUSIC	23	3	2	28	21	8	3	14	5	6	55	1	4	19	136	164
INSTRUMENTAL MUSIC																
VOCAL MUSIC																
TCH/SUPV MUSIC ANY ELEM SCH																
TEACH & SUP MUSIC ANY SEC SC									1						1	1
SUPVR MUSIC											4		1		5	6
DEVMTL READING CLASSES	6	1	1	8	5	4		1	1	2	8			4	25	33
SUPVR READING	1			1	1					1	2				4	5
DGNSTC/PRESCRIPTIVE READING	19	7	2	28	20	6	1	19	1	10	37	3	4	13	114	142
DIRECTOR OF RECREATION																
ARBORETUM AVIARY, GREENHOUSE																
PLANETARIUM, MTRLGCL STATION																

TABLE 9

DISTRIBUTION OF WITHDRAWALS FROM THE PROFESSIONAL STAFF BY REASON FOR WITHDRAWAL BY CERTIFICATED ASSIGNMENT, 1986-87

ASSIGNMENT NAME	TRANSFERRED															
	OTHER PA. UNIT	OUT OF STATE	TO PRIV. SCH.	TOTAL	REPL. REG. TEACH	FURL. LAID/ OFF	ATTEN COLL/ UNIV.	MARRY CHILD BIRTH	POS. PRIV. INDUS	SPOUS TRANS	RET. IRE-MENT	ILL. NESS	DEA-TH	OTHER	TOTAL	TOTAL WITHD-RAWALS
BIOLOGY	5			5	12	4		3	3	3	34		1	9	69	74
SUPVR SCIENCE					1										1	1
CHEMISTRY	8			8	6	1	1	1	1	1	19		2	3	35	43
EARTH AND SPACE SCIENCE	6			6	7				5	2	11		1	2	28	34
EARTH AND SPACE SCIENCE, INTMDT					1										1	1
GENERAL SCIENCE	6	1		7	16	6		3	5	2	36			12	80	87
PHYSICS	5	1		6	7				2		8		1	3	21	27
SCIENCE, INTRDSCPLNRY, ADVNCD											1				1	1
ANTHROPOLOGY																
SUPVR SOCIAL STUDIES	1			1							1				1	2
ECONOMICS	1			1					2		4		1		7	8
GEOGRAPHY	2			2	4	1					12			2	19	21
GOVERNMENT					1						5		2		8	8
HISTORY	1	1	1	3	8	5			3		27		1	1	45	48
PSYCHOLOGY, SCL OR BHVRL SCNC	1			1						1	1		1		3	4
PSYCHOLOGIST, ITRDSCPLNRY SCNC																
ROTC INSTRUCTOR											1				1	1
PHILOSOPHY																
SOCIAL STUDIES	20	1	3	24	23	18		2	16	2	130		6	10	207	231
SOCIOLOGY											1				1	1
HEARING IMPAIRED	2	2		4	4	1		3		2	3			4	17	21
SUPVR SPECIAL EDUCATION	4	1	1	6							4		1		5	11
MENT AND/OR PHYS HNDCPPD LRNNG DSB	98	25	6	129	54	2	3	61	14	39	50	3	6	69	301	430
LEARNING DISABLED																
SPEECH CORRECTION	9	2		11	17	1	2	18	7	5	8	2	2	8	70	81
VISUALLY IMPAIRED	1	2		3				3		1				1	5	8
SOCIAL RESTORATION		1		1												1
OTHER	70	15	7	92	22	27	1	43	15	15	301	5	19	80	528	620
STATE TOTALS	730	196	70	996	807	308	46	419	233	234	2,726	45	165	551	5,534	6,530

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-01-00-000-0	INTERMEDIATE UNIT 1	1986-87	8,123,588	28,012	167	15.99	306	14.34	267	5.97	110	200	105	305
1-03-00-000-0	ALLEGHENY INT UNIT	1986-87	25,805,415	28,704	135	13.17	524	7.74	583	5.96	117	629	270	899
1-04-00-000-0	MIDWESTERN INT UNIT	1986-87	4,527,377	26,631	244	12.89	534	11.18	520	5.45	500	114	57	171
1-05-00-000-0	NORTHWEST TRI-COUNTY IU	1986-87	6,215,977	24,764	396	10.95	571	9.53	559	5.88	164	206	52	258
1-06-00-000-0	RIVERVIEW INT UNIT	1986-87	3,675,344	23,865	474	8.96	592	7.62	585	5.91	143	117	40	157
1-07-00-000-0	WESTMORELAND INT UNIT	1986-87	8,733,298	27,813	181	14.67	442	13.14	397	5.99	102	204	118	322
1-08-00-000-0	APPALACHIA INT UNIT	1986-87	9,839,164	24,597	415	12.65	538	11.04	526	5.95	122	292	121	413
1-09-00-000-0	SENECA HIGHLANDS I U	1986-87	3,792,460	22,308	556	11.85	553	9.51	560	5.89	157	127	44	171
1-10-00-000-0	CENTRAL INT UNIT1/	1986-87	3,736,685	24,264	446	12.09	550	9.74	554	5.92	136	115	44	159
1-11-00-000-0	TUSCARORA INT UNIT	1986-87	1,860,834	21,892	569	8.18	594	4.80	594	6.25	35	65	22	87
1-12-00-000-0	LINCOLN INT UNIT	1986-87	7,902,557	21,830	574	9.70	587	7.55	586	6.01	90	303	71	374
1-13-00-000-0	LANCASTER LEBANON I U	1986-87	7,534,671	22,160	560	9.80	584	7.97	580	6.00	93	300	62	362
1-14-00-000-0	BERKS COUNTY INT UNIT	1986-87	6,897,293	25,545	326	11.78	556	9.70	555	5.92	138	202	77	279
1-15-00-000-0	CAPITAL AREA INT UNIT	1986-87	6,854,422	24,834	391	11.72	558	8.97	567	6.03	79	235	60	295
1-16-00-000-0	CENTRAL SUSQUFHANNA IU	1986-87	4,431,429	21,722	576	9.48	590	8.42	576	5.66	369	158	52	210
1-17-00-000-0	BLAST INT UNIT1/	1986-87	4,636,626	21,465	584	11.56	562	9.86	551	5.91	144	155	72	227
1-18-00-000-0	LUZERNE INT UNIT 1/	1986-87	6,585,537	25,328	349	11.60	561	10.50	539	5.67	362	191	77	268
1-19-00-000-0	NORTHEASTERN EDUC I U	1986-87	7,193,457	24,467	432	12.33	545	11.27	516	5.96	120	221	86	307
1-20-00-000-0	COLONIAL NORTHAMPTON IU	1986-87	7,274,313	25,795	300	11.67	560	10.27	544	5.86	177	201	90	291
1-21-00-000-0	CARBON LEHIGH INT UNIT	1986-87	4,575,849	25,852	295	12.06	551	9.41	563	6.02	87	124	55	179
1-22-00-000-0	BUCKS COUNTY INT UNIT	1986-87	9,049,580	29,965	90	10.68	578	7.82	582	5.92	141	230	75	305
1-23-00-000-0	MONTGOMERY COUNTY IU	1986-87	11,364,502	29,595	104	12.55	540	9.43	561	6.31	26	338	72	410
1-24-00-000-0	CHESTER COUNTY INT UNIT	1986-87	9,031,964	25,370	346	10.97	569	8.31	577	5.97	116	279	87	366
1-25-00-000-0	DELAWARE COUNTY I U	1986-87	6,474,455	27,434	197	12.02	552	9.15	564	6.16	49	216	33	249
1-27-00-000-0	BEAVER VALLEY INT UNIT	1986-87	3,781,752	25,726	305	13.72	510	12.50	455	5.81	213	110	37	147
1-28-00-000-0	ARIN INT UNIT	1986-87	3,005,244	25,043	372	10.94	572	9.12	565	6.13	51	97	23	120
1-29-00-000-0	SCHUYLKILL INT UNIT	1986-87	3,513,803	20,915	591	9.65	588	8.47	575	5.93	133	122	51	173
1-12-01-110-3	BERMUDIAN SPRINGS S D	1986-87	2,016,668	24,297	444	14.85	426	12.64	446	5.92	137	40	46	86
1-12-01-160-3	CONEWAGO VALLEY S D	1986-87	3,613,198	23,462	503	14.22	474	12.12	483	5.85	181	86	70	156
1-12-01-305-4	FAIRFIELD AREA S D	1986-87	1,251,521	21,956	567	12.74	536	10.72	534	5.69	334	33	25	58
1-12-01-375-3	GETTYSBURG AREA S D	1986-87	5,809,103	24,614	412	15.00	411	12.29	468	5.75	280	164	81	245
1-12-01-520-3	LITTLESTOWN AREA S D	1986-87	2,390,903	22,555	549	13.72	509	11.36	512	5.90	151	64	46	110
1-12-01-852-3	UPPER ADAMS S D	1986-87	2,118,472	24,350	441	14.34	464	12.30	466	5.81	210	53	35	88
1-03-02-040-7	A W BEATTIE AVTS	1986-87	1,018,077	29,087	123	12.50	541	8.79	570	5.20	531	14	24	38
1-03-02-060-3	ALLEGHENY VALLEY S D	1986-87	3,016,330	31,750	59	20.23	16	18.88	6	6.12	52	55	41	96
1-03-02-075-3	AVONWORTH S D	1986-87	1,919,620	33,677	31	20.38	13	18.03	22	5.97	111	36	27	63
1-03-02-100-3	PINE-RICHLAND S D	1986-87	3,978,635	30,371	82	17.96	118	15.21	179	5.92	134	73	62	135
1-03-02-110-2	BALDWIN WHITEHALL S D	1986-87	10,173,021	34,484	24	20.49	12	18.80	9	6.16	47	161	156	317
1-03-02-125-2	BETHEL PARK S D	1986-87	11,272,014	36,244	12	19.02	53	17.24	49	5.99	100	180	159	339
1-03-02-145-3	BRENTWOOD BORO S D	1986-87	2,288,356	29,718	100	15.95	312	13.91	312	6.08	63	42	37	79
1-03-02-160-3	CARLYNTON S D	1986-87	4,191,113	35,219	20	18.94	56	17.55	37	6.01	89	61	64	125
1-03-02-175-2	CHARTIERS VALLEY S D	1986-87	6,420,243	35,668	17	21.87	1	19.90	2	6.12	53	90	92	182
1-03-02-190-3	CLAIRTON CITY S D	1986-87	2,129,301	29,168	118	18.95	54	17.24	50	5.52	467	50	24	74
1-03-02-210-3	CORNELL S D	1986-87	1,796,756	29,945	92	18.60	71	16.12	123	5.78	231	33	27	60
1-03-02-225-3	DEER LAKES S D	1986-87	3,719,902	29,523	107	19.32	46	17.50	41	5.65	370	71	59	130
1-03-02-250-3	DUQUESNE CITY S D	1986-87	2,215,744	28,775	133	19.43	42	17.75	30	5.92	135	45	35	80
1-03-02-280-3	EAST ALLEGHENY S D	1986-87	4,338,320	31,899	57	19.53	35	18.33	15	5.94	125	66	76	142
1-03-02-315-3	ELIZABETH FORWARD S D	1986-87	6,184,462	30,168	85	19.04	51	16.91	64	5.90	147	130	81	211
1-03-02-380-7	FORBES ROAD EAST AVTS	1986-87	1,005,344	30,464	78	13.61	515	12.14	479	4.45	558	15	21	36
1-03-02-391-2	FOX CHAPEL AREA S D	1986-87	9,258,381	32,947	38	19.28	47	16.85	66	6.20	41	168	123	291
1-03-02-410-2	GATEWAY S D	1986-87	11,210,328	34,814	23	20.55	8	18.25	17	6.30	27	180	157	337

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-03-02-460-3	HAMPTON TOWNSHIP S D	1986-87	5,325,806	32,474	46	17.03	177	14.10	298	6.04	73	104	65	169
1-03-02-475-3	HIGHLANDS S D	1986-87	6,757,236	31,575	60	19.93	24	18.23	18	6.02	82	110	109	219
1-03-02-500-2	KEYSTONE OAKS S D	1986-87	6,545,539	33,739	29	19.33	45	16.48	91	5.90	148	116	91	207
1-03-02-600-2	MCKEESPORT AREA S D	1986-87	10,465,657	29,987	88	18.08	112	17.13	57	5.76	255	216	137	353
1-03-02-630-3	MONTOUR S D	1986-87	6,130,798	31,439	61	17.87	126	16.85	67	5.90	149	92	110	202
1-03-02-634-3	MOON AREA S D	1986-87	7,439,513	34,283	25	18.82	63	17.32	45	6.43	17	135	91	226
1-03-02-640-2	MOUNT LEBANON S D	1986-87	13,287,143	36,806	6	19.46	38	16.66	82	6.52	12	223	147	370
1-03-02-685-2	NORTH ALLEGHENY S D	1986-87	14,042,619	32,207	48	15.50	363	13.17	394	6.17	46	258	190	448
1-03-02-687-3	NORTHGATE S D	1986-87	3,377,134	32,163	49	19.91	26	17.52	39	6.30	28	54	52	106
1-03-02-690-2	NORTH HILLS S D	1986-87	11,342,699	33,657	32	18.20	100	16.64	85	6.37	22	196	147	343
1-03-02-730-7	PARKWAY WEST AVTS	1986-87	924,890	27,202	214	10.80	575	8.60	573	4.64	548	8	27	35
1-03-02-735-2	PENN HILLS S D	1986-87	15,732,165	34,200	26	20.22	17	19.37	3	5.80	216	263	218	481
1-02-02-745-1	PITTSBURGH S D	1986-87	116,772,945	36,377	9	17.97	117	16.22	111	6.11	56	1,993	1,218	3,211
1-03-02-750-3	PLUM BOROUGH S D	1986-87	7,956,664	31,202	63	17.29	162	16.10	126	5.75	272	158	106	264
1-03-02-775-3	QUAKER VALLEY S D	1986-87	3,959,750	31,933	56	18.75	66	16.40	97	6.75	4	65	59	124
1-03-02-820-3	RIVERVIEW S D	1986-87	2,665,849	32,911	40	19.83	27	18.17	19	6.27	32	34	48	82
1-03-02-830-2	SHALER AREA S D	1986-87	11,058,596	32,621	42	17.92	120	16.12	124	5.98	106	196	159	355
1-03-02-865-3	SOUTH ALLEGHENY S D	1986-87	3,011,105	29,812	97	19.80	28	18.84	8	5.88	161	48	55	103
1-03-02-870-3	SOUTH FAYETTE TWP S D	1986-87	2,344,190	30,844	68	16.32	252	14.23	281	5.59	410	37	40	77
1-03-02-875-3	SOUTH PARK S D	1986-87	3,731,505	29,152	119	15.79	342	13.26	386	5.85	179	81	55	136
1-03-02-880-7	STEEL CENTER AVTS	1986-87	751,870	27,847	177	10.50	579	6.29	591	4.39	562	10	18	28
1-03-02-883-3	STEEL VALLEY S D	1986-87	4,170,533	30,003	87	18.03	114	16.62	86	5.86	172	76	70	146
1-03-02-885-3	STO ROX S D	1986-87	4,033,970	28,609	140	17.54	145	16.74	74	5.96	118	77	71	148
1-03-02-920-3	UPPER ST CLAIR TWP S D	1986-87	8,423,676	35,098	21	16.70	212	14.17	287	6.26	33	142	108	250
1-03-02-940-3	WEST ALLEGHENY S D	1986-87	4,257,507	30,851	67	15.85	330	13.65	341	5.67	357	78	63	141
1-03-02-955-3	W JEFFERSON HILLS S D	1986-87	5,744,440	33,593	34	19.40	43	17.72	31	5.90	150	98	76	174
1-03-02-960-3	WEST MIFFLIN AREA S D	1986-87	7,407,654	35,443	18	19.97	23	18.80	10	5.66	367	108	107	215
1-03-02-980-3	WILKINSBURG BOROUGH S D	1986-87	4,933,227	29,898	93	16.02	298	13.32	381	6.25	34	101	69	170
1-03-02-990-2	WOODLAND HILLS S D	1986-87	14,940,071	32,129	50	19.76	31	18.01	24	5.84	184	237	242	479
1-28-03-060-3	APOLLO-RIDGE S D	1986-87	3,240,676	27,232	211	16.79	200	15.15	184	5.53	465	65	57	122
1-28-03-085-2	ARMSTRONG S D 1/	1986-87	13,032,621	25,858	293	16.90	189	15.47	151	5.55	453	310	222	532
1-28-03-305-3	FREEPORT AREA S D 1/	1986-87	3,689,731	27,130	218	16.45	238	14.38	265	5.54	459	79	57	136
1-28-03-450-3	LEECHBURG AREA S D	1986-87	2,074,218	27,656	187	18.91	59	17.06	61	5.62	402	45	32	77
1-28-03-460-7	LENAPE AVTS 1/	1986-87	1,086,516	27,859	176	16.26	267	13.33	380	5.03	537	10	29	39
1-27-04-050-3	ALIQUIPPA BOROUGH S D	1986-87	2,883,953	25,981	282	21.27	2	20.00	1	5.81	214	65	49	114
1-27-04-070-3	AMBRIDGE AREA S D	1986-87	5,777,040	28,599	141	17.83	129	16.27	107	5.73	300	114	94	208
1-27-04-120-3	BEAVER AREA S D	1986-87	3,473,891	28,015	166	19.05	49	15.27	173	6.11	58	68	56	124
1-27-04-130-7	BEAVER CO AVTS	1986-87	712,386	27,399	199	11.19	566	8.93	568	4.65	547	4	23	27
1-27-04-150-3	BIG BEAVER FALLS A S D	1986-87	4,369,875	29,727	99	20 84	6	19.10	5	5.67	363	69	84	153
1-27-04-160-3	BLACKHAWK S D	1986-87	4,491,711	27,222	213	17.57	142	15.68	135	5.78	244	83	84	167
1-27-04-190-3	CENTER AREA S D	1986-87	3,195,402	28,530	145	19.51	37	17.59	35	5.67	364	70	44	114
1-27-04-285-3	FREEDOM AREA S D	1986-87	2,891,029	27,018	227	20.09	19	17.87	28	5.65	380	61	49	110
1-27-04-410-3	HOPEWELL AREA S D	1986-87	4,490,976	29,352	113	19.19	48	17.98	25	5.88	169	92	64	156
1-27-04-530-3	MIDLAND BORO S D 1/	1986-87	412,465	24,262	448	19.05	50	16.32	100	5.86	178	13	6	19
1-27-04-545-3	MONACA S D	1986-87	1,459,218	25,600	319	16.42	241	15.04	188	5.73	301	31	26	57
1-27-04-565-3	NEW BRIGHTON AREA S D	1986-87	2,900,041	25,438	336	16.11	290	14.12	295	5.62	401	66	49	115
1-27-04-585-3	RIVERSIDE BEAVER CO S D	1986-87	3,111,739	25,298	351	16.71	211	15.62	138	5.91	146	77	52	129
1-27-04-690-3	ROCHESTER AREA S D	1986-87	2,016,318	28,004	168	19.52	36	17.89	26	5.82	207	42	33	75
1-27-04-740-4	SOUTH SIDE AREA S D	1986-87	2,369,223	26,324	266	14.56	448	11.66	503	5.67	365	54	36	90
1-27-04-930-3	WESTERN BEAVER CO S D	1986-87	1,729,560	28,353	151	20.54	9	18.48	13	6.00	98	29	32	61
1-08-05-100-3	BEDFORD AREA S D	1986-87	3,842,923	23,290	509	16.11	287	14.63	227	5.53	461	89	77	166

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-08-05-130-7	BEDFORD-EVERETT AVTS	1986-87	189,766	21,085	588	7.22	595	2.44	595	4.00	582	4	5	9
1-08-05-150-3	CHESTNUT RIDGE S D	1986-87	2,287,672	23,343	507	15.91	318	13.67	338	5.58	421	52	50	102
1-08-05-300-3	EVERETT AREA S D	1986-87	2,252,819	23,466	502	15.66	354	13.37	368	5.62	396	59	38	97
1-08-05-600-4	NORTHN BEDFORD CO S D	1986-87	1,649,372	23,230	512	15.94	313	14.50	248	5.75	277	41	31	72
1-08-05-800-3	TUSSEY MOUNTAIN S D 1/	1986-87	2,009,958	21,382	586	18.79	64	15.30	171	5.50	479	50	48	98
1-14-06-050-3	ANTIETAM S D	1986-87	1,607,080	27,708	186	16.81	197	14.83	206	6.04	75	35	23	58
1-14-06-055-7	BERKS CO AVTS	1986-87	1,825,192	26,452	256	11.72	557	10.28	543	4.33	567	19	55	74
1-14-06-075-3	BOYERTOWN AREA S D	1986-87	10,193,157	29,459	110	17.19	167	15.38	164	6.12	55	199	150	349
1-14-06-085-3	BRANDYWINE HGTS AREA SD	1986-87	2,434,116	25,894	291	14.25	471	13.25	388	5.78	238	57	39	96
1-14-06-110-3	CONRAD WEISER A S D	1986-87	3,382,615	28,188	157	16.26	264	14.18	285	5.75	281	62	61	123
1-14-06-150-3	DANIEL BOONE AREA S D	1986-87	3,392,414	26,503	250	15.35	383	13.41	365	5.46	497	88	45	133
1-14-06-200-3	EXETER TOWNSHIP S D	1986-87	4,504,530	26,654	241	15.91	320	13.34	377	5.80	219	102	68	170
1-14-06-250-3	FLEETWOOD AREA S D	1986-87	2,266,310	27,637	188	18.15	102	16.28	102	5.77	250	44	42	86
1-14-06-300-3	GOVERNOR MIFFLIN S D	1986-87	6,501,137	30,379	81	18.14	103	16.23	110	5.98	109	123	98	221
1-14-06-350-3	HAMBURG AREA S D	1986-87	3,449,617	27,377	201	17.56	144	15.55	147	5.83	195	73	59	132
1-14-06-400-3	KUTZTOWN AREA S D	1986-87	3,048,944	26,981	228	16.98	183	15.24	176	5.97	113	61	58	119
1-14-06-550-3	MUHLENBERG S D	1986-87	4,631,372	31,083	65	18.92	58	16.73	76	5.85	182	80	71	151
1-14-06-650-3	OLEY VALLEY S D	1986-87	2,847,894	27,920	173	17.91	122	16.27	105	5.61	406	60	44	104
1-14-06-700-2	READING S D	1986-87	21,140,925	27,349	203	16.01	304	14.38	262	5.58	427	526	275	801
1-14-06-710-7	READING MHLNBG A V T S	1986-87	1,053,153	28,463	146	15.53	360	12.68	441	3.86	586	10	28	38
1-14-06-750-3	SCHUYLKILL VALLEY S D	1986-87	2,691,034	28,326	153	17.45	151	15.22	177	5.76	268	51	47	98
1-14-06-800-3	TULPEHOCKEN AREA S D	1986-87	2,278,951	24,504	426	15.08	403	13.63	343	5.67	359	62	34	96
1-14-06-810-3	TWIN VALLEY S D	1986-87	3,941,858	29,198	117	18.94	57	16.17	117	6.00	95	81	56	137
1-14-06-910-3	WILSON S D	1986-87	6,661,542	29,089	122	16.98	184	14.85	205	5.74	288	132	114	246
1-14-06-935-3	WYOMISSING AREA S D	1986-87	3,017,741	32,103	51	19.45	40	16.51	89	6.02	85	52	42	94
1-08-07-050-2	ALTOONA AREA S D	1986-87	13,853,738	25,560	325	16.16	278	15.07	187	5.69	332	320	238	558
1-08-07-060-7	ALTOONA AVTS	1986-87	1,317,735	25,341	348	14.95	416	11.35	513	4.14	576	11	44	55
1-08-07-100-3	BELLWOOD ANTIS S D	1986-87	1,804,369	23,132	520	15.41	375	13.30	384	5.39	515	42	38	80
1-08-07-150-4	CLAYSBURG-KIMMEL S D	1986-87	1,297,200	23,585	491	16.62	218	14.58	236	5.63	390	25	30	55
1-08-07-350-3	HOLLIDAYSBG AREA S D	1986-87	5,686,338	24,723	398	17.38	156	14.66	222	5.94	126	143	99	242
1-08-07-750-3	SPRING COVE S D	1986-87	3,134,434	23,745	484	16.67	215	14.38	261	5.58	422	81	60	141
1-08-07-800-3	TYRONE AREA S D	1986-87	3,097,131	24,008	466	16.75	203	14.99	190	5.57	432	71	63	134
1-08-07-900-4	WILLIAMSBURG COMM S D	1986-87	917,762	21,851	572	13.98	490	11.10	523	5.58	423	18	24	42
1-17-08-050-3	ATHENS AREA S D	1986-87	4,520,706	24,174	455	15.63	357	13.83	321	5.63	393	107	85	192
1-17-08-060-7	BRADFORD CO AVTS	1986-87	273,239	22,769	538	10.46	580	7.15	588	3.33	593	5	8	13
1-17-08-100-3	CANTON AREA S D 1/	1986-87	1,851,549	22,042	564	15.34	384	14.02	307	5.72	309	47	42	89
1-17-08-300-4	NO EAST BRADFORD S D	1986-87	1,646,537	24,947	382	16.02	302	13.35	374	5.68	348	35	31	66
1-17-08-600-3	SAYRE AREA S D	1986-87	2,220,473	26,434	260	20.84	5	18.16	20	5.81	211	46	42	88
1-17-08-650-3	TOWANDA AREA S D	1986-87	3,146,655	24,973	376	17.36	160	15.41	159	5.78	239	73	54	127
1-17-08-665-3	TROY AREA S D	1986-87	2,794,399	24,949	380	16.51	232	14.86	201	5.68	349	64	54	118
1-17-08-900-3	WYALUSING AREA S D	1986-87	2,709,882	24,413	438	15.50	364	13.81	323	5.75	282	62	51	113
1-22-09-100-2	BENSALEM TOWNSHIP S D	1986-87	17,997,898	33,391	35	14.98	412	13.21	391	6.70	6	337	223	560
1-22-09-130-3	BRISTOL BORO S D	1986-87	2,582,491	28,070	162	13.73	508	12.55	451	5.64	387	58	35	93
1-22-09-135-2	BRISTOL TOWNSHIP S D	1986-87	20,973,022	36,036	14	18.90	60	16.22	112	6.51	13	348	239	587
1-22-09-145-7	BUCKS CO AVTS	1986-87	1,385,299	29,474	109	13.81	503	13.49	356	3.53	591	9	38	47
1-22-09-200-2	CENTENNIAL S D	1986-87	16,047,207	39,139	2	20.53	10	18.04	21	6.75	5	266	186	452
1-22-09-210-2	CENTRAL BUCKS S D	1986-87	23,861,944	33,894	27	16.60	221	14.21	282	6.04	76	439	290	729
1-22-09-235-3	COUNCIL ROCK S D	1986-87	20,686,010	36,483	7	13.98	492	10.87	530	6.38	20	392	223	615
1-22-09-700-7	MIDDLE BUCKS AVTS	1986-87	684,602	36,031	15	16.74	208	14.43	255	4.60	553	4	19	23

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-22-09-720-3	MORRISVILLE BOROUGH S D	1986-87	2,845,396	27,359	202	13.70	512	11.39	509	5.50	485	73	38	111
1-22-09-750-2	NESHAMINY S D	1986-87	23,526,183	36,932	5	17.76	133	14.38	264	5.75	283	408	253	661
1-22-09-760-4	NEW HOPE SOLEBURY S D	1986-87	2,212,834	33,027	37	16.34	250	12.49	456	5.93	132	39	29	68
1-22-09-800-3	PALISADES S D	1986-87	4,369,162	27,137	217	12.23	547	10.01	549	5.79	229	114	52	166
1-22-09-810-3	PENNRIDGE S D	1986-87	10,550,189	30,669	73	16.32	254	14.32	271	6.16	48	219	137	356
1-22-09-820-2	PENNSBURY S D	1986-87	27,006,586	36,995	4	18.35	93	16.45	94	6.40	18	443	305	748
1-22-09-840-3	QUAKERTOWN COMM S D	1986-87	7,688,966	30,511	77	14.60	445	13.08	404	5.97	115	156	110	266
1-22-09-900-7	UP BUCKS CO AVTS	1986-87	866,822	27,088	221	9.20	591	7.31	587	4.30	569	9	26	35
1-04-10-125-2	BUTLER AREA S D	1986-87	14,840,592	29,445	111	18.54	79	16.82	68	5.96	119	283	229	512
1-04-10-130-7	BUTLER CO AVTS	1986-87	614,872	25,619	318	9.92	582	6.54	590	4.35	565	4	20	24
1-04-10-360-3	KARNS CITY AREA S D	1986-87	2,167,746	24,633	408	14.86	423	12.87	425	5.65	371	55	37	92
1-04-10-500-3	MARS AREA S D	1986-87	2,907,562	25,504	331	14.92	420	13.51	351	5.77	245	81	41	122
1-04-10-535-3	MONITEAU S D 1/	1986-87	2,172,408	24,686	402	14.17	480	12.28	470	5.48	492	67	44	111
1-04-10-750-3	SLIPPERY ROCK A S D	1986-87	3,763,075	24,595	416	14.49	453	12.31	465	5.77	246	98	58	156
1-04-10-780-3	SOUTH BUTLER CO S D	1986-87	4,305,870	28,328	152	16.29	259	14.65	225	5.80	217	80	76	156
1-04-10-790-3	SOUTHWEST BUTLER CO S D	1986-87	8,380,219	27,120	219	15.84	331	13.26	387	5.95	121	194	118	312
1-08-11-030-7	ADMIRAL PEARY AVTS	1986-87	576,210	26,191	272	11.43	564	10.17	547	4.13	577	8	15	23
1-08-11-060-3	BLACKLICK VALLEY S D	1986-87	1,440,910	25,279	354	15.81	339	14.07	303	5.52	468	29	30	59
1-08-11-120-3	CAMBRIA HEIGHTS S D	1986-87	2,908,401	25,512	330	16.53	229	14.95	194	5,65	373	55	60	115
1-08-11-130-3	CENTRAL CAMBRIA S D	1986-87	3,222,412	26,198	271	17.02	178	15.29	172	5.55	448	66	59	125
1-08-11-140-3	CONEMAUGH VALLEY S D	1986-87	1,697,581	23,909	471	18.29	96	16.51	88	5.40	513	33	39	72
1-08-11-200-3	FERNDALE AREA S D	1986-87	1,420,168	25,821	298	17.56	143	16.27	103	5.58	424	22	33	55
1-08-11-220-3	FOREST HILLS S D	1986-87	3,986,084	26,573	247	18.77	65	17.53	38	5.63	391	78	74	152
1-08-11-250-2	GREATER JOHNSTOWN S D 1/	1986-87	7,735,384	26,491	252	20.14	18	18.62	11	5.78	236	179	121	300
1-08-11-260-7	GREATER JOHNSTOWN AVTS	1986-87	2,159,599	26,661	239	15.92	316	12.69	440	5.76	259	28	55	83
1-08-11-450-3	NORTHERN CAMBRIA S D	1986-87	2,149,854	24,430	437	16.30	257	14.91	198	5.49	486	46	43	89
1-08-11-600-3	PENN CAMBRIA S D	1986-87	3,093,678	25,780	303	17.73	134	16.27	104	5.76	260	66	54	120
1-08-11-630-3	PORTAGE AREA S D	1986-87	1,965,650	24,570	418	16.13	283	14.78	210	5.59	412	47	36	83
1-08-11-650-3	RICHLAND S D	1986-87	2,884,298	27,733	184	20.84	4	19.18	4	5.70	325	46	62	108
1-08-11-850-3	WESTMONT HILLTOP S D	1986-87	2,968,064	27,229	212	17.70	136	15.45	153	5.87	170	57	53	110
1-09-12-270-3	CAMERON CO S D	1986-87	1,651,850	23,265	510	17.21	166	15.67	136	5.75	279	34	39	73
1-21-13-150-7	CARBON CO AVTS	1986-87	577,045	23,081	525	13.20	523	11.08	525	4.39	563	7	18	25
1-21-13-500-3	JIM THORPE AREA S D	1986-87	1,707,600	25,486	334	14.32	467	11.82	496	5.39	516	39	32	71
1-21-13-550-3	LEHIGHTON AREA S D	1986-87	4,264,886	27,339	204	16.18	275	14.77	212	6.77	3	78	80	158
1-21-13-650-3	PALMERTON AREA S D	1986-87	2,879,600	25,942	285	13.91	495	12.13	482	5.94	129	61	50	111
1-21-13-660-3	PANTHER VALLEY S D	1986-87	2,109,425	25,724	306	16.55	225	15.57	145	5.44	505	36	47	83
1-21-13-900-4	WEATHERLY AREA S D	1986-87	1,123,583	25,535	328	15.82	338	14.18	286	5.42	511	20	24	44
1-10-14-100-3	BALD EAGLE AREA S D	1986-87	3,272,657	23,210	516	17.11	172	14.82	207	5.73	297	94	52	146
1-10-14-110-3	BELLEFONTE AREA S D	1986-87	4,228,728	22,982	530	15.09	401	13.11	402	5.47	495	114	72	186
1-10-14-160-7	CENTRE CO AVTS	1986-87	609,592	27,708	185	16.54	227	14.75	214	4.00	583	6	18	24
1-10-14-700-3	PENNS VALLEY AREA S D	1986-87	2,509,184	23,671	489	15.08	402	13.17	395	5.83	194	66	44	110
1-10-14-800-2	STATE COLLEGE AREA S D	1986-87	10,469,415	26,707	234	16.01	303	12.96	419	6.06	69	265	153	418
1-24-15-050-3	AVON GROVE S D	1986-87	3,738,133	25,088	367	13.44	519	11.21	518	5.75	285	97	56	153
1-24-15-170-7	CENTRAL CHESTER CO AVTS	1986-87	816,749	28,163	160	10.86	574	7.66	584	4.39	564	11	18	29
1-24-15-190-2	COATESVILLE AREA S D	1986-87	11,671,097	25,650	314	16.13	285	14.45	253	5.85	183	283	175	458
1-24-15-200-3	DOWNINGTOWN AREA S D	1986-87	11,816,776	28,001	169	14.45	456	11.58	507	5.79	230	289	151	440
1-24-15-350-3	GREAT VALLEY S D	1986-87	7,117,062	32,058	52	17.63	137	14.68	220	6.11	57	144	87	231

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-24-15-400-3	KENNETT CONSOLIDATD S D	1986-87	4,416,441	27,602	189	15.90	322	13.49	357	5.95	123	112	56	168
1-24-15-550-7	NORTHERN CHESTER C AVTS	1986-87	1,156,748	30,440	79	15.20	393	13.07	408	5.32	525	14	27	41
1-24-15-650-3	OCTORARA AREA S D	1986-87	3,877,110	27,892	174	17.78	130	15.77	132	6.29	31	86	59	145
1-24-15-660-3	OWEN J ROBERTS S D	1986-87	6,845,359	30,834	69	17.92	121	15.48	150	6.22	40	136	90	226
1-24-15-670-3	OXFORD AREA SCH DIST	1986-87	3,895,089	22,912	533	14.16	483	11.82	497	5.42	512	109	70	179
1-24-15-720-3	PHOENIXVILLE AREA S D	1986-87	6,232,237	29,536	106	17.44	152	15.11	186	6.18	45	142	77	219
1-24-15-780-2	TREDYFFRIN EASTTOWN S D	1986-87	11,597,364	34,826	22	19.71	32	16.45	95	6.08	64	198	152	350
1-24-15-850-3	UNIONVILLE-CHADDS FORD	1986-87	5,423,327	28,394	148	14.88	422	12.10	486	5.89	159	123	81	204
1-24-15-900-2	WEST CHESTER AREA S D	1986-87	18,678,363	30,272	84	18.01	116	14.30	275	5.90	154	378	251	629
1-06-16-030-3	ALLY CLARION VALY S D	1986-87	1,707,513	26,679	237	21.16	3	18.34	14	5.62	395	32	35	67
1-06-16-120-3	CLARION AREA S D	1986-87	1,769,696	26,024	279	17.10	173	13.35	372	5.78	233	41	27	68
1-06-16-135-7	CLARION COUNTY AVTS 1/	1986-87	337,231	22,482	552	9.88	583	8.69	572	4.54	556	4	12	16
1-06-16-170-3	CLARION LIMSTNE A S D 1/	1986-87	1,477,117	22,724	539	13.53	518	11.87	495	5.71	316	38	32	70
1-06-16-650-3	KEYSTONE S D	1986-87	2,198,230	24,699	401	14.78	429	13.51	352	5.76	257	52	37	89
1-06-16-750-4	NORTH CLARION CO S D	1986-87	1,322,300	24,041	463	13.89	497	12.05	488	5.76	258	30	25	55
1-06-16-800-3	REDBANK VALLEY S D	1986-87	2,406,690	24,558	420	15.14	397	13.45	360	5.65	372	49	50	99
1-06-16-900-3	UNION S D	1986-87	1,603,074	25,856	294	18.44	85	17.79	29	5.60	407	32	30	62
1-10-17-100-3	CLEARFIELD AREA S D	1986-87	5,096,528	23,704	487	16.49	233	14.56	240	5.51	471	129	95	224
1-10-17-160-7	CLEARFIELD CO AVTS	1986-87	546,630	24,846	389	14.70	440	12.13	480	4.29	570	9	14	23
1-10-17-180-3	CURWENSVILLE AREA S D	1986-87	2,154,286	23,673	488	16.34	249	15.15	182	5.53	463	41	51	92
1-06-17-200-3	DUBOIS AREA S D	1986-87	6,936,900	25,692	309	16.20	272	14.40	258	5.57	431	156	124	280
1-10-17-300-3	GLENDALE S D	1986-87	1,521,504	22,050	563	15.26	387	14.06	304	5.70	326	36	33	69
1-10-17-350-4	HARMONY AREA S D	1986-87	750,350	22,069	561	14.21	476	12.79	433	5.62	397	21	13	34
1-10-17-500-3	MOSHANNON VALLEY S D	1986-87	1,973,479	24,066	459	15.47	366	14.39	259	5.49	488	33	52	85
1-10-17-700-3	PBURG OSCEOLA AREA S D	1986-87	3,830,625	23,941	467	15.45	372	13.07	406	5.61	405	88	77	165
1-10-17-900-3	WEST BRANCH AREA S D	1986-87	2,117,606	23,793	482	16.38	246	14.25	278	5.57	433	46	45	91
1-10-18-360-2	KEYSTONE CENTRAL S D	1986-87	9,968,050	24,491	428	15.68	353	13.89	316	5.57	434	242	172	414
1-10-18-370-7	KEYSTONE CENTRAL AVTS	1986-87	490,019	24,500	427	13.57	517	11.71	500	4.42	560	9	12	21
1-16-19-100-4	BENTON AREA S D	1986-87	1,252,105	22,359	555	15.43	373	12.72	439	5.37	520	33	25	58
1-16-19-110-3	BERWICK AREA S D	1986-87	5,047,346	22,942	532	15.07	404	13.49	355	5.56	442	131	96	227
1-16-19-120-3	BLOOMSBURG AREA S D	1986-87	2,989,987	24,508	425	16.35	248	13.72	336	6.03	80	64	59	123
1-16-19-150-3	CENTRAL COLUMBIA S D	1986-87	3,388,677	24,378	440	15.78	344	13.36	370	5.64	384	87	56	143
1-16-19-175-7	COLUMBIA MONTOUR AVTS	1986-87	1,027,021	24,452	434	13.64	514	12.10	485	4.64	550	14	28	42
1-16-19-500-4	MILLVILLE AREA S D	1986-87	1,653,322	22,648	543	14.86	425	11.95	491	5.68	347	42	31	73
1-16-19-750-3	SOUTH COLUMBIA AREA S D	1986-87	1,891,051	23,061	528	14.15	484	12.50	454	5.74	289	47	35	82
1-05-20-103-3	CONNEAUT S D	1986-87	4,868,086	24,462	433	15.69	351	14.14	292	5.99	101	117	87	204
1-05-20-135-2	CRAWFORD CENTRAL S D 1/	1986-87	7,310,066	23,206	517	15.98	308	13.72	334	5.59	411	205	127	332
1-05-20-140-7	CRAWFORD CO AVTS 1/	1986-87	666,542	24,686	403	10.68	577	9.64	557	4.25	573	5	23	28
1-05-20-470-3	PENNCREST S D 1/	1986-87	6,061,953	23,225	513	16.79	198	15.40	160	5.78	232	149	123	272
1-15-21-050-3	BIG SPRING S D	1986-87	4,932,745	25,691	310	16.43	240	14.38	263	5.94	127	116	81	197
1-15-21-100-3	CAMP HILL S D	1986-87	2,204,184	27,552	192	18.55	78	14.99	191	5.93	131	43	39	82
1-15-21-110-3	CARLISLE AREA S D	1986-87	9,538,612	26,793	232	16.60	220	13.87	319	5.99	103	209	155	364
1-15-21-160-3	CUMBERLAND VALLEY S D	1986-87	11,289,883	26,690	236	15.70	349	12.98	418	5.84	188	255	183	438
1-15-21-165-7	CUMBRLND PERRY AVTS	1986-87	903,558	25,098	366	11.35	565	9.70	556	3.96	584	9	28	37
1-15-21-250-3	EAST PENNSBORO AREA S D	1986-87	4,248,705	26,226	269	16.45	237	14.63	228	5.73	298	87	75	162
1-15-21-650-3	MECHANICSBURG AREA S D	1986-87	6,476,577	27,443	196	16.76	202	14.50	249	6.02	86	138	108	246
1-15-21-800-3	SHIPPENSBURG AREA S D	1986-87	4,305,010	24,600	413	16.19	273	13.74	332	6.14	50	103	72	175

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-15-21-830-3	SOUTH MIDDLETON S D	1986-87	2,712,585	24,437	436	14.08	486	11.62	504	5.79	226	66	49	115
1-15-21-900-2	WEST SHORE S D	1986-87	13,376,136	25,575	323	16.06	295	13.32	383	5.72	306	306	232	538
1-15-22-140-2	CENTRAL DAUPHIN S D	1986-87	16,421[illegible]	25,421	341	17.19	168	14.72	216	5.72	307	398	263	661
1-15-22-160-7	DAUPHIN CO AVTS	1986-87	1,535,[illegible]	[illegible]5,591	320	14.65	443	10.35	542	4.62	552	19	44	63
1-15-22-175-3	DERRY TWP S D	1986-87	4,442,889	26,445	259	16.75	204	13.09	403	5.99	104	103	70	173
1-15-22-250-4	HALIFAX AREA S D	1986-87	1,875,335	22,062	562	14.86	424	11.60	505	5.73	299	47	39	86
1-15-22-275-2	HARRISBURG CITY S D	1986-87	16,929,145	24,895	386	16.02	301	13.66	340	5.50	481	458	223	681
1-15-22-280-7	HBG STLTN HGHSPRE AVTS	1986-87	938,773	24,704	400	11.03	568	8.53	574	4.41	561	16	22	38
1-15-22-400-3	LOWER DAUPHIN S D	1986-87	5,955,517	25,235	358	13.23	522	12.13	481	5.70	327	141	103	244
1-15-22-600-3	MIDDLETOWN AREA S D	1986-87	4,273,055	24,843	390	15.69	352	13.92	310	5.62	398	102	76	178
1-15-22-610-3	MILLERSBURG AREA S D	1986-87	1,559,479	20,793	593	14.96	415	12.66	443	5.43	507	41	35	76
1-15-22-800-3	STEELTON HGHSPIRE S D	1986-87	2,101,066	23,088	522	13.90	496	12.60	449	5.40	514	51	40	91
1-15-22-830-3	SUSQUEHANNA TWP S D	1986-87	3,449,258	25,740	304	18.12	106	14.66	224	5.79	227	88	49	137
1-15-22-900-3	UPPER DAUPHIN AREA S D	1986-87	2,079,548	21,005	589	14.25	472	12.05	489	5.71	321	56	46	102
1-25-23-123-2	CHESTER-UPLAND S D 1/	1986-87	13,846,893	25,314	350	16.87	192	15.90	130	5.46	499	383	167	550
1-25-23-130-3	CHICHESTER S D	1986-87	7,264,292	29,650	102	15.02	409	13.01	415	5.68	354	164	94	258
1-25-23-240-7	DELAWARE CO AVTS	1986-87	2,249,326	32,598	43	13.76	507	11.68	502	4.47	557	19	56	75
1-25-23-410-3	GARNET VALLEY S D	1986-87	3,656,417	29,970	89	16.26	266	13.07	409	5.88	168	71	51	122
1-25-23-450-2	HAVERFORD TWP SCH DIST	1986-87	10,186,883	32,442	47	17.46	150	15.12	185	6.69	7	191	132	323
1-25-23-510-3	INTERBORO S D	1986-87	6,027,590	30,289	83	16.18	276	14.60	234	5.89	160	120	91	211
1-25-23-550-2	MARPLE NEWTOWN S D	1986-87	8,440,446	33,761	28	20.02	22	17.29	47	6.34	24	150	107	257
1-25-23-690-3	PENN-DELCO S D	1986-87	6,368,881	32,004	54	18.25	97	17.06	60	6.19	42	119	93	212
1-25-23-760-3	RADNOR TOWNSHIP S D	1986-87	7,691,365	35,773	16	18.63	68	14.69	218	6.06	72	141	86	227
1-25-23-770-2	RIDLEY S D	1986-87	10,247,416	33,708	30	16.66	216	15.61	140	6.50	14	181	123	304
1-25-23-790-3	ROSE TREE MEDIA S D	1986-87	7,411,091	31,807	58	17.84	127	14.86	203	6.10	62	149	96	245
1-25-23-840-2	SOUTHEAST DELCO S D	1986-87	7,704,073	30,940	66	15.71	348	14.57	239	5.91	145	157	97	254
1-25-23-850-2	SPRINGFIELD S D	1986-87	6,541,526	32,544	44	18.44	86	15.20	181	6.38	21	126	78	204
1-25-23-945-2	UPPER DARBY S D	1986-87	15,546,269	29,954	91	16.55	226	14.32	272	6.07	67	345	193	538
1-25-23-960-3	WALLINGFRD SWARTHMR S D	1986-87	6,714,105	29,319	114	16.99	182	12.29	469	6.37	23	139	94	233
1-25-23-965-2	WILLIAM PENN S D	1986-87	9,664,029	29,108	120	14.52	451	11.90	494	5.95	124	221	127	348
1-09-24-350-3	JOHNSONBURG AREA S D	1986-87	1,399,505	22,942	531	17.52	146	15.32	170	5.71	317	27	36	63
1-09-24-600-3	RIDGWAY AREA S D	1986-87	1,901,743	23,771	483	17.77	131	15.93	129	5.77	248	42	42	84
1-09-24-800-3	ST MARYS AREA S D	1986-87	3,717,810	24,785	394	17.49	147	15.70	134	5.59	413	83	68	151
1-05-25-145-3	CORRY AREA S D	1986-87	4,553,444	25,581	321	15.11	399	12.37	462	5.56	440	103	82	185
1-05-25-260-2	ERIE CITY S D	1986-87	23,203,285	27,590	190	16.82	195	15.40	161	5.82	198	498	371	869
1-05-25-280-7	ERIE CO AVTS	1986-87	928,875	26,539	249	13.17	525	11.51	508	4.07	580	7	28	35
1-05-25-330-3	FAIRVIEW S D	1986-87	2,959,484	28,185	159	17.76	132	15.39	162	5.82	199	55	50	105
1-05-25-355-3	FORT LEBOEUF S D	1986-87	2,942,803	23,732	486	15.12	398	13.90	315	5.75	273	81	51	132
1-05-25-390-3	GENERAL MCLANE S D	1986-87	3,670,803	23,836	476	14.16	482	11.72	499	5.83	190	104	52	156
1-05-25-405-3	GIRARD S D	1986-87	2,586,567	27,812	182	17.48	148	15.33	169	6.02	83	59	38	97
1-05-25-435-3	HARBOR CREEK S D	1986-87	3,816,846	26,691	235	16.32	253	14.34	269	5.83	191	83	63	146
1-05-25-655-3	IROQUOIS S D	1986-87	2,294,518	25,781	302	15.89	323	13.87	317	5.89	155	58	34	92
1-05-25-760-2	MILLCREEK TOWNSHIP S D	1986-87	9,987,625	25,874	292	16.13	282	13.34	375	6.03	78	262	137	399
1-05-25-830-3	NORTH EAST S D	1986-87	2,516,929	24,201	452	13.88	499	11.27	514	5.84	187	66	38	104
1-05-25-850-3	NORTHWESTERN S D	1986-87	2,788,938	24,042	461	14.48	454	13.21	390	5.85	180	75	44	119
1-05-25-910-3	UNION CITY AREA S D	1986-87	2,034,495	24,220	451	14.19	477	12.92	422	5.70	323	47	41	88
1-05-25-970-3	WATTSBURG AREA S D 1/	1986-87	2,739,883	26,345	262	17.39	155	15.26	174	5.83	192	66	43	109
1-01-26-030-3	ALBERT GALLATIN A S D	1986-87	6,795,500	26,966	229	18.36	90	17.67	33	5.63	388	144	117	261

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-01-26-080-3	BROWNSVILLE AREA S D 1/	1986-87	4,525,292	26,463	254	17.06	174	16.46	92	5.57	430	112	64	176
1-01-26-130-2	CONNELLSVILLE AREA S D 1/	1986-87	10,499,117	28,072	161	17.06	175	16.14	119	5.58	420	247	141	388
1-01-26-250-7	FAYETTE CO AVTS	1986-87	669,350	26,774	233	14.93	417	13.07	405	4.75	543	7	20	27
1-01-26-290-3	FRAZIER S D	1986-87	2,264,044	26,326	264	17.57	141	16.43	96	5.62	394	52	36	88
1-01-26-400-3	LAUREL HIGHLANDS S D	1986-87	6,858,578	29,819	96	18.64	67	17.51	40	5.56	438	133	106	239
1-01-26-600-7	NORTH FAYETTE CO AVTS	1986-87	424,140	24,949	379	8.89	593	8.72	571	3.62	590	5	13	18
1-01-26-800-3	UNIONTOWN AREA S D	1986-87	6,065,741	27,571	191	17.90	123	16.20	114	5.50	476	133	97	230
1-06-27-200-3	FOREST AREA S D	1986-87	1,429,882	23,831	477	14.74	434	13.35	373	5.68	344	36	26	62
1-12-28-130-2	CHAMBERSBURG AREA S D	1986-87	12,020,718	25,147	359	17.28	163	14.60	233	5.98	107	309	174	483
1-12-28-200-4	FANNETT METAL S D	1986-87	843,947	20,093	595	11.79	555	10.26	545	5.71	319	28	14	42
1-12-28-230-7	FRANKLIN CO AVTS	1986-87	1,199,283	28,554	143	13.07	527	10.95	529	4.94	538	9	34	43
1-12-28-300-3	GREENCASTLE ANTRIM S D	1986-87	3,333,159	23,808	478	16.13	284	14.77	211	5.56	441	86	59	145
1-12-28-600-3	TUSCARORA S D	1986-87	4,242,204	23,567	493	15.25	390	13.19	393	5.64	382	110	72	182
1-12-28-900-3	WAYNESBORO AREA S D	1986-87	6,651,891	24,188	453	14.80	427	12.45	460	5.76	263	176	113	289
1-11-29-130-4	CENTRAL FULTON S D	1986-87	1,466,480	22,561	548	15.94	314	14.10	299	5.63	392	42	26	68
1-11-29-230-4	FORBES ROAD S D	1986-87	837,493	20,937	590	16.49	234	14.93	196	5.65	377	22	19	41
1-11-29-750-4	SOUTHERN FULTON S D 1/	1986-87	1,195,565	20,613	594	15.91	319	14.60	232	5.72	304	29	29	58
1-01-30-130-3	CARMICHAELS AREA S D	1986-87	2,196,843	25,845	296	14.07	487	13.13	398	5.56	439	48	40	88
1-01-30-140-3	CENTRAL GREENE S D	1986-87	4,359,928	25,646	315	14.50	452	12.48	457	5.48	491	110	64	174
1-01-30-260-7	GREENE CO AVTS	1986-87	254,725	21,227	587	9.58	589	7.83	581	2.71	595	5	7	12
1-01-30-350-3	JEFFERSON-MORGAN S D	1986-87	2,017,288	26,198	270	15.25	389	13.77	328	5.50	477	49	28	77
1-01-30-650-3	SOUTHEASTERN GREENE S D	1986-87	1,590,980	25,253	356	14.53	449	13.64	342	5.28	528	36	30	66
1-01-30-850-3	WEST GREENE S D	1986-87	1,882,800	25,104	365	14.76	432	13.01	414	5.38	517	41	39	80
1-11-31-250-3	HUNTINGDON AREA S D	1986-87	4,119,089	23,140	519	16.08	293	14.30	273	5.65	378	105	82	187
1-11-31-260-7	HUNTINGDON CO AVTS	1986-87	488,145	22,188	558	11.05	567	6.95	589	4.07	581	7	15	22
1-11-31-280-4	JUNIATA VALLEY S D	1986-87	1,595,446	23,122	521	16.53	230	14.11	296	5.42	510	40	30	70
1-11-31-600-3	MOUNT UNION AREA S D	1986-87	2,576,986	21,838	573	16.06	294	14.79	208	5.54	455	69	55	124
1-11-31-750-3	SO HUNTINGDON CO S D	1986-87	2,019,750	21,486	583	15.00	410	13.68	337	5.53	464	57	40	97
1-28-32-110-3	BLAIRSVLE SALTSBG S D	1986-87	4,068,721	25,429	340	14.93	419	13.24	389	5.76	270	91	71	162
1-28-32-330-3	HOMER-CENTER S D	1986-87	1,907,326	24,452	435	14.59	446	12.75	437	5.53	466	45	34	79
1-28-32-370-3	INDIANA AREA S D	1986-87	6,639,682	26,140	275	14.78	430	12.22	476	5.87	171	160	103	263
1-28-32-420-7	INDIANA CO AVTS	1986-87	505,385	25,269	355	9.75	585	6.25	592	4.67	546	8	12	20
1-28-32-520-3	MARION CENTER AREA S D	1986-87	3,015,305	24,715	399	15.23	391	12.95	420	5.82	208	80	43	123
1-28-32-630-3	PENNS MANOR AREA S D	1986-87	1,860,750	25,145	360	15.39	376	13.45	362	5.57	436	41	34	75
1-28-32-730-3	PURCHASE LINE S D	1986-87	2,538,077	24,641	407	15.27	386	13.97	309	5.72	313	67	41	108
1-28-32-800-3	UNITED S D	1986-87	2,734,320	24,413	439	15.50	365	13.46	359	5.67	366	63	50	113
1-06-33-070-3	BROCKWAY AREA S D	1986-87	2,343,580	24,931	383	17.00	180	14.98	192	5.66	368	59	35	94
1-06-33-080-3	BROOKVILLE AREA S D	1986-87	3,383,141	25,437	337	16.41	242	14.13	293	5.75	274	83	59	142
1-06-33-340-7	JEFFERSON CO DUBOIS AVT	1986-87	1,140,359	25,917	288	13.80	504	12.25	472	4.20	574	9	35	44
1-06-33-800-3	PUNXSUTAWNEY AREA S D	1986-87	5,883,715	25,693	308	15.60	358	14.33	270	5.53	460	127	112	239
1-11-34-360-3	JUNIATA COUNTY S D	1986-87	4,288,035	23,053	529	14.61	444	13.50	354	5.51	472	100	89	189
1-19-35-030-3	ABINGTON HEIGHTS S D	1986-87	5,924,084	26,446	258	16.10	291	14.01	308	6.33	25	132	101	233
1-19-35-130-3	CARBONDALE AREA S D	1986-87	2,394,150	23,472	501	14.46	455	13.52	350	5.69	337	63	41	104
1-19-35-220-3	DUNMORE S D	1986-87	2,774,422	28,024	165	18.36	92	17.32	46	6.18	43	41	62	103

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-19-35-420-7	LACKAWANNA CO AVTS	1986-87	1,156,302	25,695	307	13.80	505	12.16	478	4.45	559	7	38	45
1-19-35-460-3	LAKELAND S D	1986-87	2,190,950	24,076	458	15.80	341	14.11	297	5.70	328	51	42	93
1-19-35-550-3	MID VALLEY S D	1986-87	2,125,160	23,612	490	14.32	466	13.05	410	5.68	351	54	38	92
1-19-35-650-3	NORTH POCONO S D	1986-87	4,485,888	25,633	317	16.25	268	14.86	202	6.00	96	108	69	177
1-19-35-660-3	OLD FORGE S D	1986-87	1,563,996	26,066	276	15.65	355	13.87	320	5.68	352	25	37	62
1-19-35-700-3	RIVERSIDE S D	1986-87	2,833,471	25,074	369	17.38	158	16.70	80	5.59	418	56	59	115
1-19-35-740-2	SCRANTON CITY S D	1986-87	19,630,920	25,932	287	16.93	187	16.13	121	5.94	128	523	265	788
1-19-35-840-3	VALLEY VIEW S D	1986-87	3,212,738	24,904	385	16.87	191	16.13	122	5.56	445	68	66	134
1-13-36-130-3	COCALICO S D	1986-87	3,595,611	24,797	393	15.84	333	14.09	302	5.88	165	87	63	150
1-13-36-150-3	COLUMBIA BORO S D	1986-87	2,075,390	24,132	457	15.86	326	13.78	326	5.86	175	53	35	88
1-13-36-170-3	CONESTOGA VALLEY S D	1986-87	5,396,428	27,393	200	17.89	125	15.51	148	5.80	218	105	102	207
1-13-36-220-3	DONEGAL S D	1986-87	3,504,738	24,856	388	15.20	392	12.92	423	6.00	94	91	57	148
1-13-36-230-3	EASTERN LANCASTER CO SD	1986-87	5,280,789	27,080	223	18.40	89	16.60	87	6.07	66	113	94	207
1-13-36-240-3	ELIZABETHTOWN AREA S D	1986-87	3,915,103	23,584	492	13.03	529	11.21	517	5.58	425	115	60	175
1-13-36-260-3	EPHRATA AREA S D	1986-87	5,414,588	25,540	327	16.54	228	14.56	242	5.69	335	132	88	220
1-13-36-310-3	HEMPFIELD S D	1986-87	8,791,741	27,051	225	16.04	297	13.54	346	5.79	224	197	132	329
1-13-36-360-3	LAMPETER-STRASBG S D	1986-87	3,120,440	25,577	322	16.12	286	13.55	345	5.79	225	77	52	129
1-13-36-380-7	LANCASTER CO AVTS	1986-87	2,345,764	26,656	240	12.72	537	11.01	527	4.28	572	16	74	90
1-13-36-400-2	LANCASTER S D	1986-87	18,404,943	25,959	284	14.74	435	12.85	430	5.68	345	454	269	723
1-13-36-440-3	MANHEIM CENTRAL S D	1986-87	4,554,851	25,026	373	15.31	385	13.54	347	5.67	358	120	68	188
1-13-36-450-3	MANHEIM TWP S D	1986-87	7,464,645	26,470	253	16.33	251	13.32	382	6.06	70	168	120	288
1-13-36-520-3	PENN MANOR S D	1986-87	5,975,276	25,106	364	15.06	405	12.94	421	5.68	346	153	100	253
1-13-36-530-3	PEQUEA VALLEY S D	1986-87	3,199,505	24,802	392	15.46	370	13.72	335	5.78	237	84	50	134
1-13-36-700-3	SOLANCO S D	1986-87	4,974,991	24,268	445	14.37	461	12.37	463	5.58	426	131	88	219
1-13-36-900-3	WARWICK S D	1986-87	4,919,240	25,488	333	16.02	300	12.11	484	5.82	203	122	75	197
1-04-37-200-3	ELLWOOD CITY AREA S D	1986-87	3,624,217	27,046	226	19.37	44	17.19	53	5.73	293	71	65	136
1-04-37-400-3	LAUREL S D	1986-87	2,002,855	23,563	494	13.66	513	12.46	459	5.84	185	52	35	87
1-04-37-420-7	LAWRENCE CO AVTS	1986-87	1,336,414	27,841	178	16.55	224	15.41	158	5.63	389	12	37	49
1-04-37-500-3	MOHAWK AREA S D	1986-87	2,839,240	25,811	299	18.21	99	16.91	65	5.64	381	64	51	115
1-04-37-520-3	NESHANNOCK TWP S D	1986-87	2,346,558	27,935	172	19.45	39	16.50	90	5.74	286	41	47	88
1-04-37-530-2	NEW CASTLE AREA S D	1986-87	8,668,686	28,704	136	18.36	91	17.19	54	5.88	162	179	126	305
1-04-37-620-3	SHENANGO AREA S D	1986-87	2,242,200	24,913	384	16.97	185	15.62	137	5.61	404	57	37	94
1-04-37-700-3	UNION AREA S D 1/	1986-87	1,651,981	25,415	342	17.40	154	15.60	141	5.71	315	40	32	72
1-04-37-800-3	WILMINGTON AREA S D	1986-87	2,497,650	24,976	375	16.02	299	14.34	268	5.76	256	69	32	101
1-13-38-030-3	ANNVILLE-CLEONA S D	1986-87	2,646,850	23,217	514	16.84	193	14.36	266	5.54	457	77	39	116
1-13-38-130-3	CORNWALL-LEBANON S D	1986-87	5,988,154	25,373	345	16.58	213	14.66	223	5.82	204	135	106	241
1-13-38-230-3	EASTERN LEBANON CO S D	1986-87	3,586,858	24,567	419	16.83	194	14.95	195	5.50	480	83	67	150
1-13-38-430-7	LEBANON CO AVTS	1986-87	1,054,743	25,112	362	12.38	543	10.56	537	3.69	587	11	34	45
1-13-38-460-3	LEBANON S D	1986-87	6,314,585	24,475	430	15.98	309	13.87	318	5.59	416	155	107	262
1-13-38-500-3	NORTHERN LEBANON S D	1986-87	3,621,808	23,216	515	15.11	400	13.66	339	5.45	502	87	69	156
1-13-38-530-3	PALMYRA AREA S D	1986-87	3,947,573	25,143	361	16.77	201	14.88	200	5.71	320	88	79	167
1-21-39-030-2	ALLENTOWN CITY S D	1986-87	25,453,428	28,696	137	15.86	327	13.91	313	5.76	269	568	361	929
1-21-39-130-3	CATASAUQUA AREA S D	1986-87	3,258,127	29,090	121	15.97	310	14.41	256	5.92	139	54	62	116
1-21-39-230-3	EAST PENN S D	1986-87	10,240,314	29,596	103	16.75	206	14.41	257	5.82	206	203	153	356
1-21-39-300-7	LEHIGH CO AVTS	1986-87	2,654,806	28,242	155	13.71	511	10.74	533	4.63	551	22	79	101
1-21-39-450-3	NORTHERN LEHIGH S D	1986-87	2,967,823	26,033	278	14.34	465	12.60	450	5.77	253	65	54	119
1-21-39-460-3	NORTHWESTERN LEHIGH S D	1986-87	3,171,406	27,339	205	15.16	396	12.37	464	5.80	221	64	54	118
1-21-39-510-3	PARKLAND S D	1986-87	10,498,484	29,243	116	15.83	336	14.63	231	5.84	189	199	168	367
1-21-39-560-3	SALISBURY TWP S D	1986-87	3,693,195	30,776	70	17.47	149	15.39	163	5.74	291	73	54	127

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-21-39-570-3	SOUTHERN LEHIGH S D	1986-87	4,478,396	30,056	86	17.14	170	14.93	197	5.92	140	84	73	157
1-21-39-780-3	WHITEHALL COPLAY S D	1986-87	5,251,991	29,840	95	17.62	138	16.11	125	5.65	379	90	90	180
1-18-40-140-3	CRESTWOOD S D	1986-87	3,465,856	27,290	209	17.26	165	15.45	154	5.90	152	75	55	130
1-18-40-160-3	DALLAS S D	1986-87	4,313,926	28,195	156	17.59	139	15.46	152	5.68	350	91	66	157
1-18-40-260-3	GREATER NANTICOKE A S D 1/	1986-87	3,520,703	24,969	377	18.31	94	17.21	52	5.55	452	64	82	146
1-18-40-300-3	HANOVER AREA S D	1986-87	3,194,968	26,188	273	16.29	261	15.34	168	5.56	444	70	52	122
1-18-40-330-2	HAZLETON AREA S D	1986-87	15,139,058	27,179	215	16.58	222	15.61	139	6.23	37	261	303	564
1-18-40-390-3	LAKE LEHMAN S D	1986-87	3,602,137	26,292	268	16.23	271	14.75	215	5.88	166	79	59	138
1-18-40-600-3	NORTHWEST AREA S D 1/	1986-87	2,512,933	25,642	316	15.36	380	13.07	407	5.72	311	51	47	98
1-18-40-660-2	PITTSTON AREA S D	1986-87	5,532,233	25,972	283	17.05	176	16.65	84	5.78	240	118	102	220
1-18-40-860-7	WILKES BARRE AVTS	1986-87	1,355,688	28,844	129	14.43	459	12.86	428	5.09	534	15	34	49
1-18-40-870-7	WEST SIDE AVTS	1986-87	1,303,175	28,959	128	15.26	388	14.43	254	5.06	536	15	31	46
1-18-40-885-2	WILKES BARRE AREA S D	1986-87	14,487,672	28,186	158	17.94	119	16.27	106	5.88	167	298	256	554
1-18-40-920-3	WYOMING AREA S D	1986-87	4,086,265	28,575	142	19.45	41	18.02	23	5.82	205	73	72	145
1-18-40-930-2	WYOMING VALY WEST S D	1986-87	9,864,458	28,264	154	18.14	104	16.74	75	5.97	114	210	146	356
1-17-41-200-3	EAST LYCOMING S D	1986-87	2,558,209	25,080	368	15.78	345	13.78	327	5.56	443	54	48	102
1-17-41-400-3	JERSEY SHORE AREA S D	1986-87	4,673,321	25,677	312	18.95	55	16.25	108	5.69	336	104	81	185
1-17-41-420-3	LOYALSOCK TOWNSHIP S D 1/	1986-87	2,403,303	25,841	297	18.58	76	16.18	116	5.80	220	47	49	96
1-17-41-500-4	MONTGOMERY AREA S D	1986-87	1,618,160	22,166	559	13.94	494	11.19	519	5.28	529	44	34	78
1-17-41-510-3	MONTOURSVILLE AREA S D 1/	1986-87	3,450,941	25,562	324	18.62	70	16.75	73	5.72	310	70	68	138
1-17-41-530-3	MUNCY S D	1986-87	2,032,224	24,783	395	16.82	196	13.77	329	5.58	428	46	37	83
1-17-41-610-3	SO WILLIAMSPORT A S D	1986-87	2,179,234	24,485	429	18.60	72	17.33	44	5.50	482	47	42	89
1-17-41-720-2	WILLIAMSPORT AREA S D	1986-87	12,985,062	26,663	238	16.53	231	14.63	230	5.58	429	265	229	494
1-09-42-010-7	SENECA HIGHLANDS AVTS	1986-87	203,975	22,663	542	10.22	581	6.00	593	4.33	566	3	6	9
1-09-42-080-3	BRADFORD AREA S D	1986-87	6,269,177	23,837	475	16.26	263	14.76	213	5.59	414	154	110	264
1-09-42-230-3	KANE AREA S D	1986-87	2,375,485	23,062	527	14.30	469	12.43	461	5.76	262	60	46	106
1-09-42-600-3	OTTO ELDRED S D	1986-87	1,396,950	21,491	582	13.27	520	11.97	490	5.34	522	40	27	67
1-09-42-630-3	PORT ALLEGANY S D	1986-87	1,923,429	24,042	462	16.38	245	14.57	238	5.53	462	42	39	81
1-09-42-750-3	SMETHPORT AREA S D	1986-87	1,900,446	24,681	405	17.42	153	15.82	131	6.07	65	37	41	78
1-04-43-130-4	COMMODORE PERRY S D	1986-87	1,225,825	24,516	424	16.29	260	13.52	349	5.79	223	30	22	52
1-04-43-250-3	FARRELL AREA S D	1986-87	2,439,581	27,106	220	19.55	34	18.50	12	5.88	163	43	51	94
1-04-43-280-3	GREENVILLE AREA S D	1986-87	2,941,413	26,499	251	18.24	98	16.18	115	5.84	186	68	46	114
1-04-43-290-3	GROVE CITY AREA S D	1986-87	4,132,308	25,351	347	15.51	362	13.11	401	5.86	173	87	81	168
1-04-43-330-3	HERMITAGE S D	1986-87	4,268,483	28,647	139	19.93	25	17.26	48	5.86	174	81	72	153
1-04-43-360-4	JAMESTOWN AREA S D	1986-87	1,186,920	24,222	450	13.12	526	10.35	541	6.00	92	33	16	49
1-04-43-390-3	LAKEVIEW S D	1986-87	2,231,039	25,067	370	15.35	382	13.74	331	5.55	446	47	42	89
1-04-43-500-3	MERCER AREA S D	1986-87	2,551,713	25,517	329	15.82	337	14.09	300	5.68	343	61	40	101
1-04-43-510-7	MERCER CO AVTS	1986-87	1,129,389	25,667	313	9.70	586	8.20	579	3.68	588	19	25	44
1-04-43-530-3	REYNOLDS S D 1/	1986-87	3,028,450	26,565	248	18.10	108	16.65	83	5.72	302	63	52	115
1-04-43-560-3	SHARON CITY S D	1986-87	4,242,832	26,853	230	18.46	82	16.75	72	5.97	112	101	63	164
1-04-43-570-3	SHARPSVILLE AREA S D	1986-87	2,173,735	27,171	216	18.58	73	17.22	51	6.10	59	49	36	85
1-04-43-750-3	WEST MIDDLESEX AREA S D	1986-87	2,275,510	26,459	255	16.48	235	14.50	247	5.51	469	55	35	90
1-11-44-420-7	JUNIATA MIFFLIN CO AVTS 1/	1986-87	363,542	21,384	585	12.94	530	12.47	458	3.46	592	4	13	17
1-11-44-460-2	MIFFLIN COUNTY S D 1/	1986-87	10,191,995	21,593	580	15.86	325	14.51	245	5.59	415	278	198	476
1-20-45-200-3	EAST STROUSBG AREA S D	1986-87	4,741,087	25,907	289	13.89	498	11.18	521	5.78	242	120	76	196
1-20-45-450-7	MONROE CO AVTS	1986-87	822,288	29,367	112	12.64	539	9.86	552	4.29	571	7	21	28
1-20-45-520-3	PLEASANT VALLEY S D	1986-87	3,620,885	24,301	443	12.34	544	10.62	536	5.51	474	87	68	155

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-20-45-540-3	POCONO MOUNTAIN S D	1986-87	6,920,903	26,315	267	14.19	478	11.10	524	5.77	252	175	100	275
1-20-45-600-3	STROUDSBURG AREA S D	1986-87	5,168,025	27,057	224	16.57	223	14.65	226	6.03	81	120	74	194
1-23-46-030-2	ABINGTON S D	1986-87	17,221,556	41,199	1	20.33	14	17.87	27	6.65	8	236	203	439
1-23-46-095-7	CENTRAL MONTGOMERY AVTS	1986-87	1,042,672	33,634	33	15.47	369	12.78	435	4.59	554	5	27	32
1-23-46-130-2	CHELTENHAM TWP S D	1986-87	11,945,903	36,420	8	20.04	20	16.16	118	7.15	1	191	150	341
1-23-46-160-2	COLONIAL S D	1986-87	10,721,108	37,883	3	20.61	7	17.68	32	7.01	2	148	143	291
1-23-46-350-7	E MONTGOMERY CO AVTS	1986-87	1,155,760	36,117	13	14.06	488	9.57	558	4.81	542	15	20	35
1-23-46-360-3	HATBORO HORSHAM S D	1986-87	6,897,180	32,533	45	16.61	219	14.46	252	6.29	29	125	92	217
1-23-46-380-3	JENKINTOWN S D	1986-87	1,467,206	31,217	62	16.74	209	13.21	392	6.40	19	27	20	47
1-23-46-450-2	LOWER MERION S D	1986-87	15,387,259	35,373	19	18.10	110	15.25	175	6.29	30	268	191	459
1-23-46-460-3	LOWER MORELAND TWP S D	1986-87	4,280,702	32,928	39	15.37	379	13.12	400	6.65	9	85	49	134
1-23-46-530-3	METHACTON S D	1986-87	7,456,260	30,558	75	16.68	214	14.28	277	5.90	153	146	109	255
1-23-46-550-7	NORTH MONTCO AVTS	1986-87	933,955	31,131	64	12.25	546	10.22	546	4.12	578	7	25	32
1-23-46-560-2	NORRISTOWN AREA S D	1986-87	12,937,568	27,942	171	14.80	428	12.91	424	6.10	61	320	161	481
1-23-46-570-2	NORTH PENN S D 1/	1986-87	17,484,830	28,384	149	16.38	247	13.92	311	6.01	91	396	226	622
1-23-46-610-3	PERKIOMEN VALLEY S D	1986-87	4,421,402	27,462	195	15.36	381	12.87	427	5.80	222	104	70	174
1-23-46-630-3	POTTSGROVE S D	1986-87	5,394,867	27,524	193	14.74	436	12.86	429	5.74	292	117	80	197
1-23-46-640-3	POTTSTOWN S D	1986-87	5,948,238	28,460	147	16.73	210	15.20	180	5.75	284	119	98	217
1-23-46-710-3	SOUDERTON AREA S D	1986-87	9,322,888	30,667	74	15.86	328	13.91	314	6.06	71	193	118	311
1-23-46-720-3	SPRINGFIELD TWP S D	1986-87	5,273,080	36,366	10	20.31	15	17.08	59	6.58	10	86	59	145
1-23-46-730-3	SPRING FORD AREA S D	1986-87	6,229,849	28,976	127	15.52	361	14.29	276	6.18	44	127	88	215
1-23-46-830-3	UPPER DUBLIN S D	1986-87	7,835,518	36,275	11	19.67	33	17.48	43	6.56	11	131	93	224
1-23-46-840-2	UPPER MERION AREA S D	1986-87	9,163,077	33,199	36	18.11	107	14.53	243	6.04	77	186	97	283
1-23-46-850-3	U MORELAND TWP S D	1986-87	7,034,385	31,974	55	15.07	408	12.25	474	6.02	88	136	94	230
1-23-46-860-3	UPPER PERKIOMEN S D	1986-87	5,301,784	29,785	98	15.65	356	13.74	333	6.23	38	100	81	181
1-23-46-900-7	WEST MTGMRY CO AVTS	1986-87	584,360	30,755	72	11.68	559	10.16	548	4.67	545	1	18	19
1-23-46-930-3	WISSAHICKON S D	1986-87	8,719,287	32,902	41	17.27	164	14.68	219	5.99	105	151	121	272
1-16-47-180-3	DANVILLE AREA S D	1986-87	4,552,464	24,876	387	15.99	307	13.36	371	5.49	489	107	81	188
1-20-48-080-3	BANGOR AREA S D	1986-87	4,180,520	26,627	245	16.30	258	14.17	288	5.68	353	93	67	160
1-20-48-100-2	BETHLEHEM AREA S D	1986-87	20,655,843	28,530	144	15.47	368	13.47	358	5.89	158	446	305	751
1-20-48-110-7	BETHLEHEM AVTS	1986-87	1,373,248	30,516	76	12.15	549	10.48	540	3.94	585	13	33	46
1-20-48-300-7	EAST NORTHAMPTON AVTS	1986-87	670,327	26,813	231	14.26	470	12.63	447	4.55	555	8	19	27
1-20-48-330-2	EASTON AREA S D	1986-87	11,515,749	29,080	125	17.83	128	16.21	113	5.64	386	231	179	410
1-20-48-480-3	NAZARETH AREA S D	1986-87	4,929,158	28,995	126	16.75	205	15.22	178	5.81	212	92	87	179
1-20-48-490-3	NORTHAMPTON AREA S D	1986-87	8,438,649	28,035	164	15.43	374	14.20	283	5.57	435	173	136	309
1-20-48-560-3	PEN ARGYL AREA S D	1986-87	2,824,055	26,642	243	15.93	315	14.25	279	5.69	341	62	47	109
1-20-48-600-3	SAUCON VALLEY S D	1986-87	3,028,269	28,840	130	16.79	199	14.06	305	6.00	97	56	56	112
1-20-48-860-3	WILSON AREA S D	1986-87	3,234,942	28,376	150	18.14	105	16.14	120	5.78	243	58	58	116
1-16-49-350-3	LINE MOUNTAIN S D	1986-87	2,450,099	22,686	540	15.73	347	13.34	378	5.67	361	61	49	110
1-16-49-500-3	MILTON AREA S D	1986-87	4,374,798	24,037	464	15.47	367	12.66	444	5.37	521	108	75	183
1-16-49-510-3	MOUNT CARMEL AREA S D	1986-87	2,281,345	22,587	546	16.39	244	14.58	237	5.38	518	53	48	101
1-16-49-520-7	NORTHBRLND CO AVTS	1986-87	350,357	23,357	506	12.93	532	12.53	452	2.77	594	2	13	15
1-16-49-650-3	SHAMOKIN AREA S D 1/	1986-87	3,497,507	22,419	554	16.74	207	15.57	144	5.55	450	78	86	164
1-16-49-660-3	SHIKELLAMY S D	1986-87	6,068,603	24,177	454	15.84	334	13.79	325	5.62	399	155	100	255
1-16-49-800-3	WARRIOR RUN S D	1986-87	3,079,190	23,505	498	15.96	311	14.63	229	5.55	451	79	59	138
1-15-50-300-4	GREENWOOD S D	1986-87	1,269,463	23,081	524	14.18	479	12.67	442	5.67	360	31	24	55
1-15-50-400-3	NEWPORT S D	1986-87	1,979,366	21,992	565	12.92	533	11.38	511	5.64	383	54	36	90
1-15-50-600-3	SUSQUENITA S D	1986-87	3,243,767	22,683	541	12.79	535	10.71	535	5.54	458	86	63	149

TABLE 10

SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-15-50-800-3	WEST PERRY S D	1986-87	3,809,089	22,538	550	14.43	458	12.65	445	5.59	417	89	81	170
1-26-51-500-1	PHILADELPHIA CITY S D	1986-87	443,964,871	32,055	53	14.97	414	14.86	204	6.50	15	9,024	4,827	13,851
1-20-52-200-3	DELAWARE VALLEY S D	1986-87	3,505,440	24,343	442	12.20	548	9.83	553	5.45	503	86	63	149
1-09-53-030-4	AUSTIN AREA S D	1986-87	493,501	22,431	553	13.59	516	11.27	515	5.11	533	13	9	22
1-09-53-130-4	COUDERSPORT AREA S D	1986-87	1,350,159	22,884	534	16.27	262	13.13	399	5.45	501	31	31	62
1-09-53-280-4	GALETON AREA S D	1986-87	837,193	24,623	410	16.11	289	14.03	306	5.82	202	19	16	35
1-09-53-550-4	NORTHERN POTTER S D	1986-87	1,257,206	21,675	577	13.05	528	10.78	532	5.71	318	34	24	58
1-09-53-750-4	OSWAYO VALLEY S D	1986-87	1,001,594	21,773	575	15.17	394	12.29	467	5.65	376	23	25	48
1-29-54-080-3	BLUE MOUNTAIN S D	1986-87	3,941,949	24,949	381	16.16	280	15.03	189	5.69	342	84	74	158
1-29-54-450-3	MAHANOY AREA S D	1986-87	1,903,652	21,881	570	14.11	485	13.44	363	5.43	508	49	39	88
1-29-54-470-3	MINERSVILLE AREA S D	1986-87	1,487,516	21,875	571	15.04	407	13.04	411	5.29	527	43	28	71
1-29-54-500-3	NORTH SCHUYLKILL S D	1986-87	3,318,451	24,046	460	15.38	377	14.15	291	5.82	209	69	73	142
1-29-54-600-3	PINE GROVE AREA S D	1986-87	2,582,130	23,262	511	14.37	462	12.77	436	5.43	509	73	42	115
1-29-54-610-3	POTTSVILLE AREA S D	1986-87	4,634,592	24,264	447	15.86	329	14.97	193	5.51	475	108	84	192
1-29-54-680-3	SAINT CLAIR AREA S D 1/	1986-87	1,252,782	21,599	579	15.46	371	13.54	348	5.57	437	26	35	61
1-29-54-690-7	SCHUYLKILL CO AVTS	1986-87	1,174,753	24,474	431	13.96	493	12.52	453	5.17	532	13	35	48
1-29-54-720-3	SHENANDOAH VALLEY S D	1986-87	1,211,033	22,849	537	16.45	239	14.39	260	5.59	419	28	28	56
1-29-54-730-3	SCHUYLKILL HAVEN A S D	1986-87	1,731,397	23,085	523	15.17	395	13.04	412	6.00	99	47	29	76
1-29-54-760-3	TAMAQUA AREA S D	1986-87	3,634,556	23,911	470	16.32	255	14.48	251	5.83	197	85	70	155
1-29-54-780-3	TRI VALLEY S D	1986-87	1,554,032	21,583	581	14.04	489	12.26	471	5.47	496	39	34	73
1-29-54-880-3	WILLIAMS VALLEY S D	1986-87	1,823,868	22,516	551	15.70	350	14.16	289	5.30	526	45	38	83
1-16-55-500-3	MIDD-WEST S D	1986-87	4,099,286	23,559	496	14.72	437	13.34	379	5.74	290	95	83	178
1-16-55-710-3	SELINSGROVE AREA S D	1986-87	4,269,945	24,681	406	15.75	346	13.80	324	5.86	176	98	79	177
1-08-56-100-3	BERLIN BRTHSVALLEY S D	1986-87	1,499,158	23,796	481	15.37	378	13.28	385	5.75	278	35	30	65
1-08-56-180-3	CONEMAUGH TWP AREA S D	1986-87	2,218,920	25,504	332	16.11	288	13.15	396	5.69	333	48	39	87
1-08-56-520-3	MEYERSDALE AREA S D	1986-87	1,861,542	21,645	578	14.41	460	12.82	432	5.48	494	46	41	87
1-08-56-550-3	NORTH STAR S D	1986-87	2,323,330	21,918	568	14.31	468	13.00	416	5.44	504	65	47	112
1-08-56-630-3	ROCKWOOD AREA S D	1986-87	1,761,201	22,872	535	14.69	441	13.03	413	5.76	261	44	33	77
1-08-56-700-4	SALISBURY-ELK LICK S D	1986-87	703,400	21,981	566	18.85	62	16.71	78	5.65	374	15	19	34
1-08-56-720-4	SHADE-CENTRAL CITY S D	1986-87	1,357,350	22,622	545	14.57	447	12.87	426	5.55	449	28	33	61
1-08-56-740-4	SHANKSVILLE-STNYCRK S D	1986-87	761,654	23,801	479	16.09	292	13.50	353	5.65	375	15	17	32
1-08-56-770-3	SOMERSET AREA S D	1986-87	4,118,351	25,111	363	16.88	190	14.09	301	5.49	487	108	62	170
1-08-56-780-7	SOMERSET CO AVTS	1986-87	565,444	23,560	495	11.81	554	9.42	562	3.68	589	7	19	26
1-08-56-840-4	TURKEYFT VLLY AREA SD	1986-87	989,263	23,553	497	16.23	270	14.48	250	5.25	530	26	18	44
1-08-56-910-3	WINDBER AREA S D	1986-87	2,109,520	24,529	422	15.78	343	13.45	361	5.43	506	44	42	86
1-17-57-630-3	SULLIVAN COUNTY S D	1986-87	1,651,248	23,931	469	14.24	473	11.59	506	5.32	524	34	36	70
1-19-58-100-3	BLUE RIDGE S D	1986-87	1,970,280	22,646	544	16.24	269	14.13	294	5.46	498	42	47	89
1-19-58-250-3	ELK LAKE S D	1986-87	1,631,252	23,303	508	13.25	521	11.90	493	5.50	483	42	31	73
1-19-58-300-3	FOREST CITY REGN S D	1986-87	1,252,004	24,549	421	16.17	277	13.40	366	5.78	241	32	21	53
1-19-58-450-3	MONTROSE AREA S D	1986-87	3,063,411	23,932	468	16.26	265	14.51	246	5.50	484	75	58	133
1-19-58-460-3	MOUNTAIN VIEW SCH DIST	1986-87	1,709,903	22,206	557	14.22	475	12.23	475	5.79	228	48	29	77
1-19-58-470-7	SUSQUEHANNA CO AVTS	1986-87	146,024	20,860	592	10.78	576	9.89	550	4.83	541	4	5	9
1-19-58-650-3	SUSQUEHANNA COMM S D	1986-87	1,638,117	23,072	526	14.44	457	13.42	364	5.69	338	36	35	71
1-17-59-600-3	NORTHERN TIOGA S D	1986-87	4,324,292	23,891	472	15.88	324	14.52	244	5.62	400	104	80	184

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-17-59-700-3	SOUTHERN TIOGA S D	1986-87	3,673,940	24,012	465	16.91	188	15.35	166	5.51	473	87	70	157
1-17-59-850-3	WELLSBORO AREA S D	1986-87	2,838,976	24,686	404	17.38	157	15.50	149	5.77	251	67	50	117
1-16-60-400-3	LEWISBURG AREA S D	1986-87	2,760,656	23,798	480	14.93	418	11.90	492	5.83	196	69	52	121
1-16-60-500-3	MIFFLINBURG AREA S D	1986-87	3,134,229	23,744	485	16.46	236	14.71	217	5.49	490	69	67	136
1-16-60-670-7	SUN AREA VO-TECH SCHOOL	1986-87	663,753	24,583	417	10.89	573	8.89	569	4.15	575	7	20	27
1-06-61-130-3	CRANBERRY AREA S D	1986-87	2,463,369	24,150	456	15.58	359	13.82	322	5.73	294	65	39	104
1-06-61-220-3	FRANKLIN AREA S D	1986-87	4,378,408	24,597	414	17.58	140	15.42	155	5.72	303	99	81	180
1-06-61-620-3	OIL CITY AREA S D	1986-87	4,585,573	25,057	371	17.35	161	16.05	127	5.60	408	105	81	186
1-06-61-720-3	TITUSVILLE AREA S D	1986-87	4,133,356	26,327	263	18.09	111	16.76	71	5.77	247	87	73	160
1-06-61-860-3	VALLEY GROVE S D	1986-87	1,720,049	25,294	352	17.13	171	15.59	142	5.83	193	43	27	70
1-06-61-910-7	VENANGO CO AVTS	1986-87	686,649	24,523	423	11.55	563	10.79	531	4.67	544	8	21	29
1-05-62-800-7	WARREN CO AVTS	1986-87	708,036	25,287	353	14.89	421	11.79	498	5.32	523	9	19	28
1-05-62-830-2	WARREN COUNTY S D	1986-87	11,867,831	25,687	311	16.64	217	15.36	165	5.69	330	256	213	469
1-01-63-050-4	AVELLA AREA S D	1986-87	1,289,850	23,451	504	14.36	463	12.98	417	5.80	215	31	27	58
1-01-63-090-3	BENTWORTH S D	1986-87	2,313,494	25,994	281	16.30	256	15.41	156	5.75	271	51	41	92
1-01-63-100-3	BETHLEHEM-CENTER S D	1986-87	2,682,520	25,793	301	17.71	135	16.72	77	5.67	355	64	45	109
1-01-63-120-3	BURGETTSTOWN AREA S D	1986-87	2,803,796	26,450	257	19.77	30	17.66	34	5.71	314	60	49	109
1-01-63-150-3	CALIFORNIA A S D	1986-87	1,994,329	25,900	290	17.17	169	15.41	157	5.70	322	47	35	82
1-01-63-170-3	CANON MCMILLAN S D	1986-87	7,009,961	26,653	242	16.14	281	14.59	235	5.61	403	153	117	270
1-01-63-180-3	CHARLEROI AREA S D	1986-87	2,925,865	26,598	246	18.55	77	16.70	79	5.76	254	61	50	111
1-01-63-190-3	CHARTIERS-HOUSTON S D	1986-87	2,302,400	27,087	222	18.42	88	16.45	93	6.06	68	55	31	86
1-01-63-240-3	FORT CHERRY S D	1986-87	2,475,650	24,756	397	15.90	321	14.90	199	5.69	329	56	47	103
1-01-63-390-3	MCGUFFEY S D	1986-87	4,145,278	24,241	449	14.70	439	12.09	487	5.50	478	107	68	175
1-01-63-420-7	MON VALLEY AVTS	1986-87	508,039	25,401	343	13.86	501	11.00	528	4.32	568	3	18	21
1-01-63-650-3	PETERS TOWNSHIP S D	1986-87	4,769,634	29,083	124	16.99	181	14.24	280	6.24	36	109	59	168
1-01-63-700-2	RINGGOLD S D	1986-87	7,511,840	27,821	180	17.01	179	15.58	143	5.67	356	169	105	274
1-01-63-800-3	TRINITY AREA S D	1986-87	7,159,645	25,940	286	16.18	274	14.78	209	5.59	409	168	112	280
1-01-63-880-3	WASHINGTON S D	1986-87	3,994,817	28,739	134	18.62	69	17.11	58	5.91	142	83	61	144
1-01-63-890-7	WESTERN AVTS	1986-87	546,750	26,035	277	10.95	570	9.00	566	4.85	540	8	13	21
1-19-64-830-3	WALLENPAUPACK AREA S D	1986-87	3,635,903	26,157	274	14.72	438	10.52	538	5.69	339	85	56	141
1-19-64-870-3	WAYNE HIGHLANDS S D	1986-87	4,696,310	25,248	357	14.52	450	12.74	438	5.64	385	121	76	197
1-19-64-890-3	WESTERN WAYNE S D	1986-87	2,922,959	23,198	518	13.78	506	12.25	473	5.38	519	72	59	131
1-07-65-060-3	BELLE VERNON AREA S D	1986-87	4,967,618	27,294	208	18.29	95	17.19	55	5.73	295	104	80	184
1-07-65-070-3	BURRELL S D	1986-87	4,099,323	29,491	108	20.51	11	18.88	7	5.73	296	72	74	146
1-07-65-120-7	CENT WSTMRLND AVTS	1986-87	1,116,879	27,240	210	14.17	481	12.78	434	4.64	549	8	33	41
1-07-65-160-3	DERRY AREA S D	1986-87	4,815,111	27,833	179	16.94	186	15.56	146	6.10	60	102	77	179
1-07-65-220-7	EASTERN WSTMRLND AVTS	1986-87	633,209	26,383	261	12.46	542	11.38	510	4.10	579	4	20	24
1-07-65-260-3	FRANKLIN REGIONAL S D	1986-87	6,031,531	30,773	71	18.07	113	16.30	101	6.04	74	107	97	204
1-07-65-310-2	GREATER LATROBE S D	1986-87	7,231,857	28,812	132	17.89	124	15.70	133	5.89	156	150	108	258
1-07-65-320-3	GREENSBURG SALEM S D	1986-87	6,421,682	28,668	138	18.54	80	16.99	63	5.82	200	148	91	239
1-07-65-380-2	HEMPFIELD AREA S D	1986-87	13,678,103	30,395	80	18.10	109	16.35	98	5.82	201	278	193	471
1-07-65-410-3	JEANNETTE CITY S D 1/	1986-87	2,350,709	25,007	374	15.84	332	14.19	284	5.55	447	51	48	99
1-07-65-440-3	KISKI AREA S D	1986-87	7,387,572	29,315	115	18.89	61	17.50	42	5.78	234	138	118	256
1-07-65-490-3	LIGONIER VALLEY S D	1986-87	4,521,749	27,404	198	18.17	101	16.35	99	5.70	324	89	76	165
1-07-65-580-3	MONESSEN CITY S D	1986-87	1,845,839	25,997	280	18.58	74	17.03	62	5.69	331	45	26	71
1-07-65-590-3	MT PLEASANT AREA S D	1986-87	3,962,631	27,328	206	18.45	84	15.34	167	5.48	493	81	64	145
1-07-65-630-3	NEW KENSNGTN ARNLD S D	1986-87	5,461,250	29,842	94	19.79	29	18.31	16	5.75	275	107	85	192

TABLE 10
SELECTED AVERAGES AND RANKINGS BY ADMINISTRATIVE UNIT, 1986-87

ADM. UNIT NO.	SCHOOL DISTRICT NAME	YEAR	TOTAL SALARY	AVERAGE SALARY	RANK	AVG. YRS. TOTAL	RANK	AVG. YRS. UNIT	RANK	AVG. ED. LEVEL	RANK	NO. FEMALE	NO. MALE	TOTAL MALE & FEMALE
1-07-65-640-7	N WESTMORELAND CY AVTS	1986-87	529,935	27,891	175	13.84	502	8.26	578	5.06	535	3	16	19
1-07-65-650-2	NORWIN S D	1986-87	9,852,396	29,675	101	18.50	81	17.15	56	5.78	235	193	150	343
1-07-65-710-3	PENN TRAFFORD S D	1986-87	5,223,799	27,786	183	18.43	87	16.69	81	5.51	470	96	98	194
1-07-65-750-3	SOUTHMORELAND S D	1986-87	4,382,010	28,629	131	18.46	83	16.81	69	5.75	276	88	72	160
1-07-65-890-3	YOUGH S D 1/	1986-87	3,953,499	28,039	163	17.37	159	16.23	109	5.54	454	78	67	145
1-19-66-500-3	LACKAWANNA TRAIL S D	1986-87	1,960,267	25,458	335	16.16	279	14.67	221	5.69	340	52	30	82
1-18-66-750-3	TUNKHANNOCK AREA S D 1/	1986-87	5,443,484	24,631	409	15.83	335	14.30	274	5.72	312	126	105	231
1-12-67-130-3	CENTRAL YORK S D	1986-87	4,975,979	27,491	194	18.58	75	16.78	70	6.45	16	111	76	187
1-12-67-160-3	DALLASTOWN AREA S D	1986-87	6,281,832	25,432	339	16.40	243	13.37	369	5.77	249	154	97	251
1-12-67-180-3	DOVER AREA S D	1986-87	4,251,868	22,859	536	14.97	413	12.62	448	5.76	264	114	80	194
1-12-67-220-3	EASTERN YORK S D	1986-87	3,644,234	24,623	411	16.05	296	13.55	344	5.93	130	94	57	151
1-12-67-280-3	HANOVER PUBLIC S D	1986-87	3,132,649	26,324	265	18.03	115	15.15	183	6.02	84	67	54	121
1-12-67-440-3	NORTHEASTERN YORK CO SD	1986-87	3,719,933	23,395	505	14.75	433	13.34	376	5.74	287	98	63	161
1-15-67-460-3	NORTHERN YORK CO S D	1986-87	3,859,049	22,567	547	13.88	500	11.69	501	5.72	308	108	71	179
1-12-67-550-3	RED LION AREA S D	1986-87	6,264,654	24,958	378	15.92	317	14.15	290	5.72	305	164	98	262
1-12-67-620-3	SOUTH EASTERN S D	1986-87	2,818,812	23,490	500	13.98	491	12.21	477	5.76	265	78	46	124
1-12-67-640-3	SOUTH WESTERN S D	1986-87	4,680,411	25,437	338	15.81	340	13.75	330	5.98	108	116	74	190
1-12-67-650-3	SOUTHERN YORK CO S D	1986-87	4,111,703	23,495	499	12.93	531	11.11	522	5.54	456	111	69	180
1-12-67-670-3	SPRING GROVE AREA S D	1986-87	5,420,307	23,878	473	15.04	406	12.83	431	5.76	266	131	106	237
1-12-67-850-3	WEST YORK AREA S D	1986-87	4,098,311	27,322	207	19.03	52	17.58	36	5.76	267	80	70	150
1-12-67-900-2	YORK CITY S D	1986-87	11,893,740	27,985	170	16.00	305	14.56	241	6.12	54	262	171	433
1-12-67-910-7	YORK CO AVTS	1986-87	2,234,888	25,396	344	14.77	431	13.38	367	4.94	539	26	62	88
1-12-67-940-3	YORK SUBURBAN S D	1986-87	4,696,498	29,537	105	20.02	21	15.95	128	6.22	39	96	72	168

1/ Based all or in part on 1985-86 salaries.

[illegible] - 3.4-U

Higher Education Faculty and Staff, 1985-86

EDUCATION
TODAY

Pennsylvania Department of Education 1987

Higher Education Faculty and Staff, 1985-86

Commonwealth of Pennsylvania
    Robert P. Casey, Governor

Department of Education
    Thomas K. Gilhool, Secretary

Bureau of Information Systems
    Bruce J. Cowling, Director

Division of Data Services
    Roger G. Hummel, Chief
    Compiled by: Donald D. Deitz, Educational Statistics Associate

June, 1987

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

The Pennsylvania Department of Education, an equal opportunity employer, will not discriminate in employment, educational programs or activities, based on race, color, religion, national origin, sex, age, ancestry, physical handicap or union membership. This policy of nondiscrimination extends to all other legally protected classifications. Publication of this policy in this document is in accordance with state and federal laws including Title IX of the Education Amendments of 1972 and Sections 503 and 504 of the Rehabilitation Act of 1973. Inquiries should be directed to Susan Mitchell, Affirmative Action Officer, 503/504 Coordinator, Education Building, 333 Market Street, Harrisburg, PA 17126-0333.

HIGHLIGHTS

The 1985-86 data on full-time instructional faculty salaries and fringe benefits indicate that:

- the mean salary for selected faculty ranks on nine-month contracts rose by 74.3 percent since 1976-77.

- since the 1984-85 academic year, the mean salary for selected faculty ranks on nine-month contracts rose by 5.2 percent.

- the mean salary for selected faculty ranks on nine-month contracts at the state-related commonwealth universities was $33,098, highest of the three categories of public institutions.

- the mean salary for selected faculty ranks on nine-month contracts at the private state-aided institutions was $41,153, highest of any category of private institutions.

- a total of 178.3 million dollars was spent on fringe benefits for full-time instructional faculty on nine- and twelve-month contracts. This is an increase of 4.9 percent over last year's reported expenditures.

TABLE OF CONTENTS

Page

INTRODUCTION. 1

APPENDIX A GLOSSARY 13

APPENDIX B NONRESPONDING INSTITUTIONS 14

TABLES

Table Page

1. Mean Salaries of Full-Time Instructional Faculty Employed on a Contract of 9 Months for Selected Ranks by Type of Institutional Control, 1976-77 Through 1985-86. 2

2. Fringe Benefits of Full-Time Instructional Faculty Employed on a Contract of 9 Months, 1976-77 Through 1985-86 4

3. Mean Salaries of Full-Time Instructional Faculty Employed on a Contract of 9 Months for Selected Ranks by Selected Institutional Categories, 1976-77 Through 1985-86. 6

4. Mean Salaries of Full-Time Instructional Faculty by Contract Length and Rank by Institutional Category, 1985-86. 7

5. Mean Salaries of Full-Time Instructional Faculty Employed on a Contract of 9 Months by Rank and Sex by Institutional Category, 1985-86 8

6. Mean Salaries of Full-Time Instructional Faculty Employed on a Contract of 12 Months by Rank and Sex by Institutional Category, 1985-86. . . . 9

7. Expenditures for Fringe Benefits for Full-Time Instructional Faculty by Length of Contract by Type of Benefit, 1985-86 10

8. Percent of Full-Time Instructional Faculty Employed on a Contract of 9 Months Who Have Tenure by Rank and Sex by Institutional Category, 1985-86. 11

9. Percent of Full-Time Instructional Faculty Employed on a Contract of 12 Months Who Have Tenure by Rank and Sex by Institutional Category, 1985-86. 12

FIGURES

Figure Page

1. Index of Mean Salaries of Full-Time Faculty on 9-Month Contracts vs. The Consumer Price Index, 1976-77 Through 1985-86. 3

2. Fringe Benefit Expenditures for Full-Time Instructional Faculty on 9-Month Contracts. 5

INTRODUCTION

"Higher Education Faculty and Staff, 1985-86" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (phone 717-787-2644).

Sources: Salaries, Tenure and Fringe Benefits of Full-Time Instructional Faculty, 1985-86 (ED-2300-3)
Comprehensive Staff and Salary Report, Fall 1985 (PDE-5009)

TABLE 1

MEAN SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY EMPLOYED ON A CONTRACT OF 9 MONTHS FOR SELECTED RANKS BY TYPE OF INSTITUTIONAL CONTROL, 1976-77 THROUGH 1985-86 1/

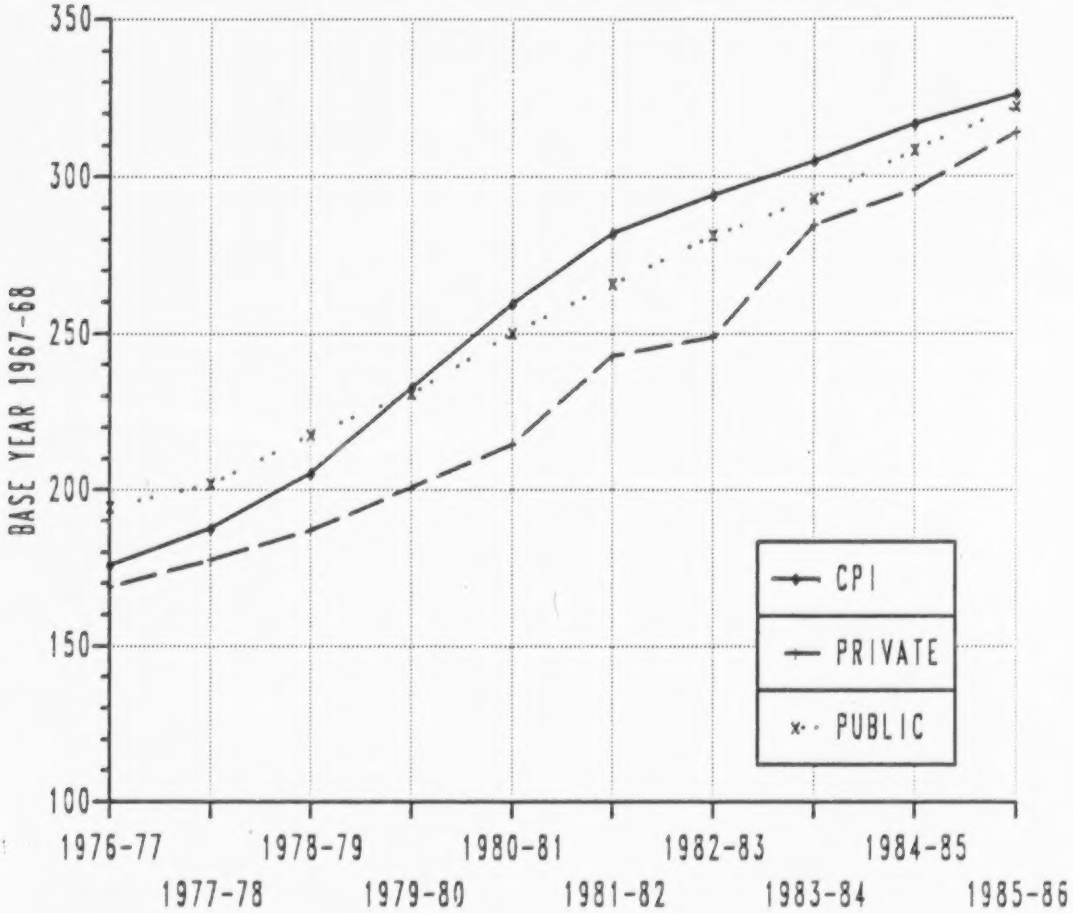
	Total	Public	Private 2/
1976-77	$18 433	$19 202	$17 505
1977-78	19 231	19 932	18 401
1978-79	20 540	21 480	19 377
1979-80	21 834	22 780	20 780
1980-81	23 337	24 683	22 210
1981-82	25 735	26 232	25 143
1982-83	26 855	27 773	25 765
1983-84	29 192	28 936	29 493
1984-85	30 542	30 447	30 654
1985-86	32 131	31 797	32 522

1/ The selected ranks are professor, associate professor, assistant professor, and instructor.
2/ Excludes specialized associate degree-granting institutions.

The mean salaries of full-time instructional faculty on contracts of 9 months for selected ranks and selected institutions increased by 74.3 percent from 1976-77 to 1985-86, an increase of 5.2 percent occurred from 1984-85 to 1985-86. For the public sector, the mean salaries rose by 65.6 percent from 1976-77 to 1985-86 while the private sector salaries increased by 85.8 percent.

FIGURE 1

INDEX OF MEAN SALARIES OF FULL-TIME FACULTY ON 9-MONTH CONTRACTS VS. THE CONSUMER PRICE INDEX, 1976-77 THROUGH 1985-86



NOTE: Includes only professor, associate & assistant prof., & instructor.

TABLE 2

FRINGE BENEFITS OF FULL-TIME INSTRUCTIONAL FACULTY EMPLOYED ON A CONTRACT OF 9 MONTHS, 1976-77 THROUGH 1985-86

(In Millions of Dollars)

	Total	Retirement	Social Security	Medical/ Dental	All Other1/
1976-77	$52.3	$26.0	$12.9	$ 6.3	$ 7.1
1977-78	60.2	26.1	14.9	9.4	9.8
1978-79	70.3	30.3	16.7	11.3	12.0
1979-80	83.5	34.5	20.6	13.0	15.4
1980-81	93.9	38.1	23.3	15.5	17.0
1981-82	109.7	43.3	28.2	18.2	20.0
1982-83	116.8	48.4	28.6	21.5	18.3
1983-84	132.2	52.8	31.9	25.6	21.9
1984-85	151.2	59.8	36.8	31.2	23.4
1985-86	159.0	63.9	39.1	32.2	23.8

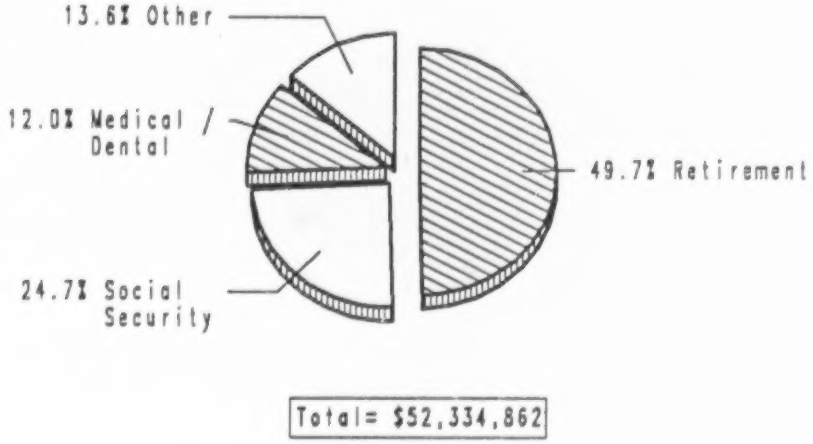
1/ includes: guaranteed disability income, tuition and housing plans, unemployment compensation taxes, group life insurance, workmen's compensation taxes, and other benefits in kind with cash options.

In 1976-77, 49.7 percent of the expenditures for fringe benefits for full-time instructional faculty employed on a contract of 9 months were for retirement plans. By 1985-86 retirement plans accounted for only 40.2 percent of these expenditures. Over the 1976-77 to 1984-85 period, medical/dental benefits accounted for an increasingly larger portion of total fringe benefit costs, but showed a slight decrease, percentage-wise, for 1985-86.

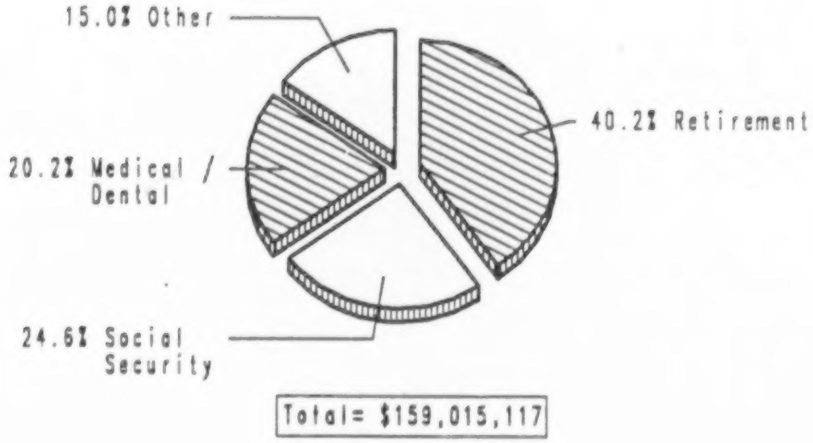
For the 10-year period ending in 1985-86, expenditures for fringe benefits increased by nearly 204 percent. By category, expenditures increased as follows: retirement, up 145.8 percent; social security, up 203.1 percent; medical/dental, up 411.1 percent; and all other, up 235.2 percent.

FIGURE 2

FRINGE BENEFIT EXPENDITURES FOR
FULL-TIME INSTRUCTIONAL FACULTY ON 9-MONTH CONTRACTS



1976-77



1985-86

TABLE 3

MEAN SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY EMPLOYED ON A CONTRACT OF 9 MONTHS FOR SELECTED RANKS BY SELECTED INSTITUTIONAL CATEGORIES, 1976-77 THROUGH 1985-86 1/

	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Total, All Institutions	$18 433	$19 231	$20 540	$21 834	$23 337	$25 735	$26 855	$29 192	$30 542	$32 131
Total, Public Institutions	19 202	19 932	21 480	22 780	24 683	26 232	27 773	28 936	30 447	31 797
State Universities	21 016	21 409	23 240	24 886	26 181	27 778	29 128	29 676	31 018	31 583
State-Related Commonwealth Universities	19 577	19 743	21 115	22 186	24 045	26 183	27 834	29 520	31 178	33 098
Community Colleges	15 745	18 825	17 928	18 980	20 076	22 475	24 237	25 940	27 502	29 356
Total, Private Institutions 2/	17 505	18 401	19 377	20 780	22 210	25 143	25 765	29 493	30 654	32 522

1/ The selected ranks are professor, associate professor, assistant professor, and instructor.

2/ Excludes specialized associate degree-granting institutions.

TABLE 4

MEAN SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY BY CONTRACT LENGTH AND RANK BY INSTITUTIONAL CATEGORY, 1985-86

	ALL RANKS				PROFESSOR				ASSOCIATE PROFESSOR			
	9 Months		12 Months		9 Months		12 Months		9 Months		12 Months	
	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary
ALL INSTITUTIONS	18 647	$31 903	2 320	$34 296	5 831	$41 362	553	$51 911	5 580	$31 649	536	$39 871
State Universities	4 175	31 583	15	35 311	1 532	38 040	4	50 030	1 387	$31 250	2	41 317
State-Related Commonwealth Universities	4 015	32 871	1 148	42 787	1 113	45 127	389	56 984	1 179	33 276	378	41 660
Community Colleges	1 757	29 237	109	29 883	506	33 145	12	39 901	581	30 364	25	35 610
Private State-Aided Institutions	1 677	41 153	86	39 204	686	53 026	19	51 296	461	36 661	29	42 473
Private Colleges and Universities	6 639	30 532	294	35 315	1 937	40 190	80	47 264	1 913	30 396	75	37 800
Theological Seminaries	49	30 320	95	20 183	31	32 909	48	22 524	8	27 071	24	21 269
Private Junior Colleges	208	19 792	19	18 780	26	25 633	1	25 200	51	21 930	3	24 330
Specialized Associate Degree-Granting Institutions	127	18 628	554	19 192	-	-	-	-	-	-	-	-

	ASSISTANT PROFESSOR				INSTRUCTOR				LECTURER			
	9 Months		12 Months		9 Months		12 Months		9 Months		12 Months	
	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary
ALL INSTITUTIONS	5 461	$25 907	365	$31 381	1 559	$20 039	750	$20 088	156	$20 643	39	$27 059
State Universities	1 033	24 993	5	33 641	223	19 827	4	19 677	-	-	-	-
State-Related Commonwealth Universities	1 226	26 615	198	32 994	430	19 958	103	23 207	64	19 282	21	33 313
Community Colleges	482	26 848	32	31 517	169	21 703	26	22 101	19	18 283	12	21 461
Private State-Aided Institutions	478	30 261	29	31 811	33	23 552	8	26 011	19	26 096	-	-
Private Colleges and Universities	2 183	24 927	86	29 728	518	20 119	48	22 707	54	21 167	3	22 637
Theological Seminaries	9	25 096	10	16 478	1	23 064	5	11 643	-	-	3	10 100
Private Junior Colleges	50	19 643	5	20 153	58	16 928	2	16 900	-	-	-	-
Specialized Associate Degree-Granting Institutions	-	-	-	-	127	18 628	554	19 192	-	-	-	-

	NO ACADEMIC RANK			
	9 Months		12 Months	
	Number	Mean Salary	Number	Mean Salary
ALL INSTITUTIONS	60	$19 418	77	$24 866
State Universities	-	-	-	-
State-Related Commonwealth Universities	3	23 934	59	26 831
Community Colleges	-	-	2	23 748
Private State-Aided Institutions	-	-	1	35 586
Private Colleges and Universities	34	21 333	2	26 000
Theological Seminaries	-	-	5	14 500
Private Junior Colleges	23	15 999	8	15 509
Specialized Associate Degree-Granting Institutions	-	-	-	-

NOTE: This table does not include data relating to instructional faculty who teach preclinical or clinical medicine, who are members of a religious order, or who teach in the R.O.T.C. program.

TABLE 5

MEAN SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY EMPLOYED ON A CONTRACT OF 9 MONTHS BY RANK AND SEX BY INSTITUTIONAL CATEGORY, 1985-86

	ALL RANKS				PROFESSOR				ASSOCIATE PROFESSOR			
	Men		Women		Men		Women		Men		Women	
	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary
ALL INSTITUTIONS	13 803	$33 830	4 844	$26 411	5 096	$42 144	735	$35 946	4 365	$32 170	1 215	$29 776
State Universities	3 168	32 640	1 007	28 257	1 345	38 069	187	37 829	1 112	31 298	275	31 057
State-Related Commonwealth Universities	3 091	34 783	924	26 473	990	45 931	123	38 655	979	33 652	200	31 431
Community Colleges	1 077	30 385	680	27 417	354	33 755	152	31 726	351	31 207	230	29 078
Private State-Aided Institutions	1 363	43 196	314	32 288	636	53 452	50	47 607	365	37 352	96	34 032
Private Colleges and Universities	4 885	32 648	1 754	24 639	1 723	41 027	214	33 450	1 525	31 034	388	27 889
Theological Seminaries	43	30 866	6	26 408	30	33 154	1	25 573	6	25 400	2	32 083
Private Junior Colleges	85	20 672	123	19 185	18	25 609	8	25 686	27	22 495	24	21 293
Specialized Associate Degree-Granting Institutions	91	20 492	36	13 915	-	-	-	-	-	-	-	-

	ASSISTANT PROFESSOR				INSTRUCTOR				LECTURER			
	Men		Women		Men		Women		Men		Women	
	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary
ALL INSTITUTIONS	3 4 1	$26 841	2 000	$24 292	782	$21 100	777	$18 971	81	$23 841	75	$17 189
State Universities	616	25 159	417	24 748	95	20 015	128	19 687	-	-	-	-
State-Related Commonwealth Universities	851	27 391	375	24 855	238	21 155	192	18 473	30	22 690	34	16 276
Community Colleges	270	27 855	212	25 564	93	22 896	76	20 243	9	19 093	10	17 554
Private State-Aided Institutions	327	31 559	151	27 452	20	24 266	13	22 453	15	29 468	4	13 450
Private Colleges and Universities	1 374	26 037	809	23 043	225	21 145	293	19 331	27	23 576	27	18 759
Theological Seminaries	7	25 746	2	22 822	-	-	1	23 064	-	-	-	-
Private Junior Colleges	16	18 230	34	20 308	20	16 323	38	17 247	-	-	-	-
Specialized Associate Degree-Granting Institutions	-	-	-	-	91	20 492	36	13 915	-	-	-	-

	NO ACADEMIC RANK			
	Men		Women	
	Number	Mean Salary	Number	Mean Salary
ALL INSTITUTIONS	18	$24 566	42	$17 212
State Universities	-	-	-	-
State-Related Commonwealth Universities	3	23 934	-	-
Community Colleges	-	-	-	-
Private State-Aided Institutions	-	-	-	-
Private Colleges and Universities	11	27 248	23	18 504
Theological Seminaries	-	-	-	-
Private Junior Colleges	4	17 667	19	15 648
Specialized Associate Degree-Granting Institutions	-	-	-	-

NOTE: This table does not include data relating to instructional faculty who teach preclinical or clinical medicine, who are members of a religious order, or who teach in the R.O.T.C. program.

TABLE 6

MEAN SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY EMPLOYED ON A CONTRACT OF 12 MONTHS BY RANK AND SEX BY INSTITUTIONAL CATEGORY, 1985-86

	ALL RANKS				PROFESSOR				ASSOCIATE PROFESSOR			
	Men		Women		Men		Women		Men		Women	
	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary
ALL INSTITUTIONS	1 659	$37 136	661	$27 169	491	$52 485	62	$47 362	418	$40 328	118	$38 251
State Universities	10	38 816	5	28 301	3	51 109	1	46 793	2	41 317	-	-
State-Related Commonwealth Universities	892	44 930	256	35 321	352	57 433	37	52 706	301	41 834	77	40 982
Community Colleges	47	32 510	62	27 892	7	39 598	5	40 324	12	37 915	13	33 483
Private State-Aided Institutions	68	39 282	18	38 911	15	51 736	4	49 405	24	42 230	5	43 641
Private Colleges and Universities	187	39 960	107	27 196	65	49 859	15	36 017	53	40 756	22	30 679
Theological Seminaries	90	20 349	5	17 210	48	22 524	-	-	24	21 269	-	-
Private Junior Colleges	11	19 765	8	17 426	1	25 200	-	-	2	21 723	1	29 545
Specialized Associate Degree-Granting Institutions	354	20 968	200	16 048	-	-	-	-	-	-	-	-

	ASSISTANT PROFESSOR				INSTRUCTOR				LECTURER			
	Men		Women		Men		Women		Men		Women	
	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary	Number	Mean Salary
ALL INSTITUTIONS	233	$31 770	132	$30 696	444	$21 541	306	$17 979	21	$31 233	18	$22 190
State Universities	4	33 709	1	33 371	1	17 364	3	20 448	-	-	-	-
State-Related Commonwealth Universities	131	33 073	67	32 838	48	24 901	55	21 729	15	35 686	6	27 379
Community Colleges	14	32 015	18	31 129	10	24 306	16	20 722	3	27 004	9	19 614
Private State-Aided Institutions	22	31 812	7	31 807	6	24 363	2	30 957	-	-	-	-
Private Colleges and Universities	48	32 263	38	26 526	19	24 738	29	21 377	1	30 000	2	18 955
Theological Seminaries	9	15 270	1	27 350	5	11 643	-	-	2	4 800	1	20 700
Private Junior Colleges	5	20 153	-	-	1	11 500	1	22 300	-	-	-	-
Specialized Associate Degree-Granting Institutions	-	-	-	-	354	20 968	200	16 048	-	-	-	-

	NO ACADEMIC RANK			
	Men		Women	
	Number	Mean Salary	Number	Mean Salary
ALL INSTITUTIONS	52	$26 138	25	$22 220
State Universities	-	-	-	-
State-Related Commonwealth Universities	45	26 801	14	26 924
Community Colleges	1	23 500	1	23 995
Private State-Aided Institutions	1	35 586	-	-
Private Colleges and Universities	1	23 000	1	29 000
Theological Seminaries	2	17 250	3	12 467
Private Junior Colleges	2	18 255	6	14 596
Specialized Associate Degree-Granting Institutions	-	-	-	-

NOTE: This table does not include data relating to instructional faculty who teach preclinical or clinical medicine, who are members of a religious order, or who teach in the R.O.T.C. program.

TABLE 7

EXPENDITURES FOR FRINGE BENEFITS FOR FULL-TIME INSTRUCTIONAL FACULTY BY LENGTH OF CONTRACT BY TYPE OF BENEFIT, 1985-86

Benefit	9-Month Contract		12-Month Contract	
	Number Covered	Expenditures	Number Covered	Expenditures
TOTAL, ALL FRINGE BENEFITS	N/A	$159 015 117	N/A	$ 19 288 940
Retirement Plans--Vested Within 5 Years	11 929	34 824 513	1 257	4 921 153
Retirement Plans--Vested After 5 Years	5 279	29 071 857	546	2 415 211
Medical/Dental Plans	18 163	32 163 496	2 151	3 835 982
Guaranteed Disability Income Protection	11 234	1 703 204	1 296	219 081
Tuition Plan	4 542	11 429 965	683	1 216 058
Housing Plan	85	207 164	40	253 218
Social Security Taxes	18 383	39 125 048	2 190	5 212 194
Unemployment Compensation Taxes	13 650	2 197 230	1 454	417 886
Group Life Insurance	17 940	3 347 952	1 896	394 346
Workmen's Compensation Taxes	17 073	4 118 037	2 011	383 645
Other Benefits in Kind with Cash Options	1 227	826 651	104	20 166

TABLE 8

PERCENT OF FULL-TIME INSTRUCTIONAL FACULTY EMPLOYED ON A CONTRACT OF 9 MONTHS WHO HAVE TENURE BY RANK AND SEX BY INSTITUTIONAL CATEGORY, 1985-86

	All Ranks		Professor		Associate Professor		Assistant Professor	
	Men	Women	Men	Women	Men	Women	Men	Women
ALL INSTITUTIONS	70.5	47.7	96.5	93.2	83.7	80.0	31.5	30.4
State Universities	85.4	69.5	98.7	98.9	89.7	86.2	57.6	60.2
State-Related Commonwealth Universities	67.1	41.2	97.4	99.2	88.3	93.0	28.9	18.7
Community Colleges	80.6	69.6	92.7	91.4	89.5	87.4	68.5	57.5
Private State-Aided Institutions	72.2	44.6	99.1	98.0	87.4	78.1	10.7	9.9
Private Colleges and Universities	62.7	34.3	95.0	86.4	75.4	67.8	19.6	18.5
Theological Seminaries	62.8	50.0	80.0	100.0	33.3	100.0	14.3	-
Private Junior Colleges	20.0	10.6	50.0	50.0	29.6	33.3	-	-
Specialized Associate Degree-Granting Institutions	-	-	-	-	-	-	-	-

	Instructor		Lecturer		No Academic Rank	
	Men	Women	Men	Women	Men	Women
ALL INSTITUTIONS	9.3	5.9	-	1.3	-	-
State Universities	25.3	21.1	-	-	-	-
State-Related Commonwealth Universities	0.4	1.6	-	-	-	-
Community Colleges	44.1	14.5	-	-	-	-
Private State-Aided Institutions	-	-	-	100.0	-	-
Private Colleges and Universities	3.1	1.4	-	-	-	-
Theological Seminaries	-	-	-	-	-	-
Private Junior Colleges	-	2.6	-	-	-	-
Specialized Associate Degree-Granting Institutions	-	-	-	-	-	-

TABLE 9

PERCENT OF FULL-TIME INSTRUCTIONAL FACULTY EMPLOYED ON A CONTRACT OF 12 MONTHS WHO HAVE TENURE BY RANK AND SEX BY INSTITUTIONAL CATEGORY, 1985-86

	All Ranks		Professor		Associate Professor		Assistant Professor	
	Men	Women	Men	Women	Men	Women	Men	Women
ALL INSTITUTIONS	47.3	23.8	87.6	82.3	73.0	70.3	19.3	15.9
State Universities	90.0	60.0	100.0	100.0	100.0	-	100.0	100.0
State-Related Commonwealth Universities	67.7	37.1	95.7	94.6	81.7	72.7	13.7	4.5
Community Colleges	55.3	40.3	100.0	80.0	75.0	84.6	71.4	55.6
Private State-Aided Institutions	41.2	22.2	86.7	25.0	62.5	60.0	-	-
Private Colleges and Universities	48.7	26.0	70.8	66.7	56.6	59.1	27.1	18.4
Theological Seminaries	30.0	-	50.0	-	12.5	-	-	-
Private Junior Colleges	-	-	-	-	-	-	-	-
Specialized Associate Degree-Granting Institutions	-	-	-	-	-	-	-	-

	Instructor		Lecturer		No Academic Rank	
	Men	Women	Men	Women	Men	Women
ALL INSTITUTIONS	0.5	0.7	4.8	-	3.8	-
State Universities	-	33.3	-	-	-	-
State-Related Commonwealth Universities	2.1	1.8	-	-	4.4	-
Community Colleges	-	-	-	-	-	-
Private State-Aided Institutions	-	-	-	-	-	-
Private Colleges and Universities	5.3	-	100.0	-	-	-
Theological Seminaries	-	-	-	-	-	-
Private Junior Colleges	-	-	-	-	-	-
Specialized Associate Degree-Granting Institutions	-	-	-	-	-	-

APPENDIX A

GLOSSARY

INSTRUCTIONAL FACULTY--Instruction/research staff whose major regular assignment is instruction, including those with released time for research.

PRIVATE CONTROL--Institutions listed in the following categories: the private state-aided institutions, the private colleges and universities, the theological seminaries, the private junior colleges, the specialized associate degree-granting institutions, and the state school of technology.

PUBLIC CONTROL--Institutions listed in the following categories: the state universities, the state-related commonwealth universities, and the community colleges.

APPENDIX B

NONRESPONDING INSTITUTIONS

Altoona School of Commerce
Art Institute of Pittsburgh
Cambria-Rowe Business College
Central Pennsylvania Business School, Inc.
Centre Business School, Inc.
Dropsie College
Duff's Business Institute
Electronics Institute Inc. - Middletown
Electronics Institute Inc. - Pittsburgh
FPM Data School, Inc.
Grove City College
Keystone Secretarial and Business Administration School
Lansdale School of Business - Lansdale
Lansdale School of Business - Pottstown
Moore College of Art
New Kensington Commercial School
New School of Music
Palmer School Inc. - Philadelphia
Pennsylvania College of Straight Chiropractic
Philadelphia School of Office Technologies
Philadelphia School of Office Technologies - Northeast
Philadelphia School of Printing and Advertising
Pittsburgh Technical Institute
Shenango Valley School of Business - New Castle
South Hills Business School
Triangle Institute of Technology
Triangle Institute of Technology - DuBois
Triangle Institute of Technology - Erie
Triangle Institute of Technology - Greensburg
Triangle Institute of Technology - Uniontown
Williamsport School of Commerce
Yorktowne Business Institute

Public and Nonpublic School Enrollments 1986-87

EDUCATION
PDE
TODAY

Pennsylvania Department of Education 1987

Public and Nonpublic School Enrollments 1986~87

Commonwealth of Pennsylvania
Robert P. Casey, Governor

Department of Education
Thomas K. Gilhool, Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

Division of Data Services
Roger G. Hummel, Chief
Compiled by: Robert T. Burrows, Jr., Educational Statistics Associate

June 1987

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

The Pennsylvania Department of Education, an equal opportunity employer will not discriminate in employment, educational programs or activities, based on race, color, religion, national origin, sex, age, ancestry, physical handicap or union membership. This pulicy of nondiscrimination extends to all other legally protected classifications. Publication of this policy in this document is in accordance with state and federal laws including Title IX of the Education Amendments of 1972 and Sections 503 and 504 of the Rehabilitation Act of 1973. Inquiries should be directed to Susan Mitchell, Affirmative Action Officer, 503/504 Coordinator and Title IX Coordinator, Education Building, 333 Market Street, Harrisburg, PA 17126-0333.

HIGHLIGHTS

The 1986-87 data indicates:

- a drop of 0.8 percent or 16,779 students from total public and nonpublic school enrollments of 2,057,619 in 1985-86 to 2,040,840 in 1986-87. Public school enrollments declined 0.5 percent and nonpublic school enrollments declined 2.1 percent.

- that Pennsylvania's 1986-87 public school enrollments (1,674,161) included 1,178 or 0.07 percent American Indians or Alaskan Natives; 21,435 or 1.28 percent Asians or Pacific Islanders; 219,309 or 13.10 percent Blacks, not of Hispanic origin; 36,827 or 2.20 percent Hispanics; and 1,395,412 or 83.35 percent Whites, not of Hispanic origin.

- that Pennsylvania's 1986-87 nonpublic school enrollments (366,679) included 267,162 or 72.86 percent in Roman Catholic schools, down 1.66 percent since 1985-86.

- that the percentage of total school children enrolled in public schools is up slightly from that reported in 1985-86. In 1986-87, 76.23 percent of the 1,124,203 elementary school children and 89.15 percent of the 916,637 secondary school children were enrolled in public schools.

- that public schools operating in Pennsylvania in 1986-87 numbered 2,027 elementary, 881 secondary and 489 combined schools. Nonpublic schools operating numbered 1,652 elementary, 183 secondary and 382 combined schools.

TABLE OF CONTENTS

Page

INTRODUCTION 1

PUBLIC SCHOOL ENROLLMENTS 5

NONPUBLIC SCHOOL ENROLLMENTS 15

GLOSSARY 23

TABLES

Table Page

1. Enrollments in Elementary and Secondary Public and Nonpublic Schools by County, 1986-87 3

2. Public School Enrollments by Level, 1977-78 Through 1986-87 . . . 7

3. Public Elementary School Enrollments by Grade by County, 1986-87 8

4. Public Secondary School Enrollments by Grade by County, 1986-87 9

5. Public Elementary School Enrollments by Race by County, 1986-87 10

6. Public Secondary School Enrollments by Race by County, 1986-87 11

7. Public Schools in Operation, 1977-78 Through 1986-87 12

8. Distribution of Public Secondary and Combined Schools and Public Secondary Enrollments by Grade by School Classification, 1986-87 13

9. Enrollments of Middle Schools by Grade, 1986-87 14

10. Enrollments of Area Vocational-Technical Schools by Grade, 1986-87 14

11. Nonpublic School Enrollments by Level, 1977-78 Through 1986-87 17

12. Nonpublic Elementary School Enrollments by Grade by County, 1986-87 18

13. Nonpublic Secondary School Enrollments by Grade by County, 1986-87 19

14. Nonpublic School Enrollments by Religious Affiliation by Level, 1986-87 20

15. Nonpublic Schools in Operation, 1977-78 Through 1986-87 21

FIGURES

Figure Page

1. The Relationship of Public and Nonpublic Enrollments, 1967-68, 1977-78, and 1986-87. 2

2. Public School Enrollment Trend, Fall 1967 Through Fall 1986 . . . 6

3. Public Elementary and Secondary Enrollments, Fall 1977 Through Fall 1986 6

4. Nonpublic School Enrollment Trend, Fall 1967 Through Fall 1986 . 16

5. Nonpublic Elementary and Secondary Enrollments, Fall 1977 Through Fall 1986 16

INTRODUCTION

"Public and Nonpublic School Enrollments, 1986-87" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

This report contains data on enrollments as of October 1, 1986, in public and nonpublic schools. Enrollments were reported by all the public schools and nearly all the nonpublic schools. The total enrollments in this report represent an unduplicated pupil count.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (phone 717-787-2644).

Sources: Public School Enrollment Report, 1986-87 (PDE-4035)
Nonpublic School Enrollment Report, 1986-87 (PDE-4036)

FIGURE 1
THE RELATIONSHIP OF PUBLIC AND NONPUBLIC ENROLLMENTS
1967-68, 1977-78, and 1986-87

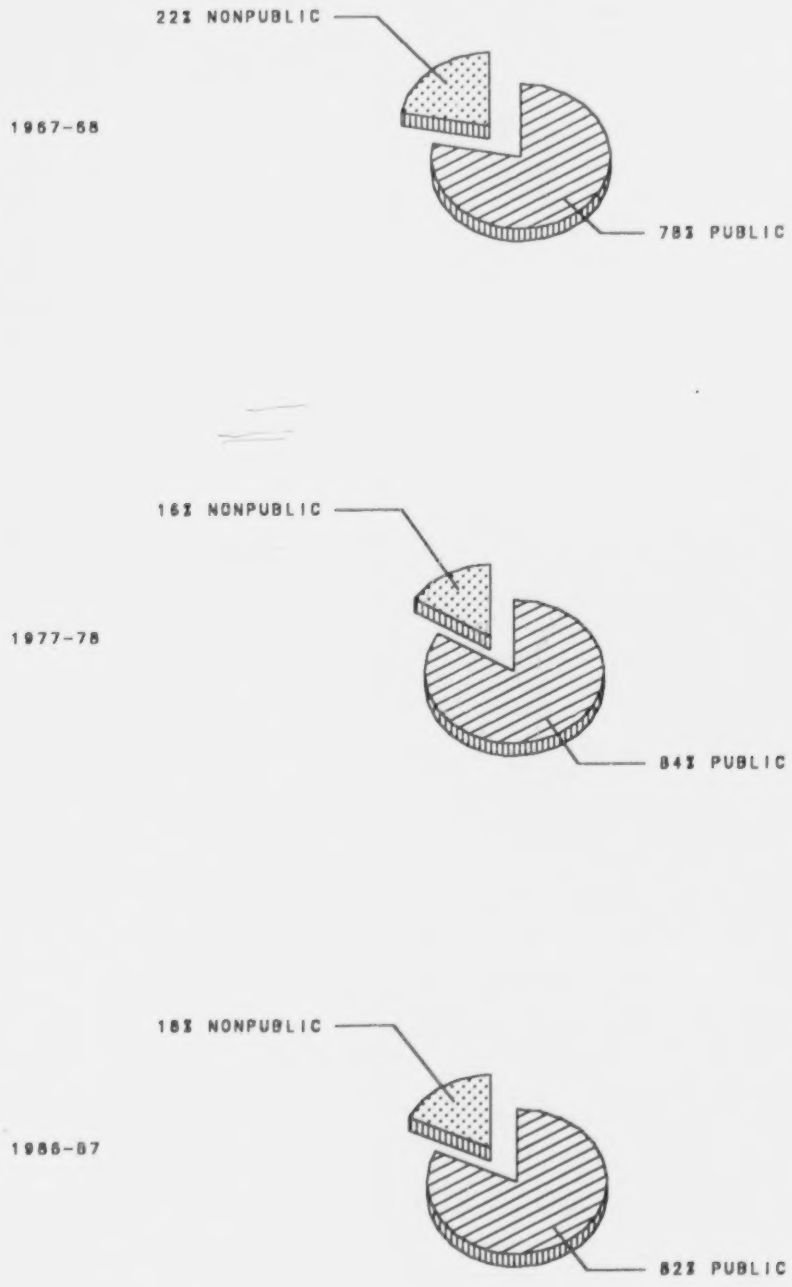


TABLE 1

ENROLLMENTS IN ELEMENTARY AND SECONDARY PUBLIC AND NONPUBLIC SCHOOLS BY COUNTY, 1986-87

COUNTY	ALL SCHOOLS			ELEMENTARY SCHOOLS			SECONDARY SCHOOLS		
	TOTAL	PUBLIC	NONPUBLIC	TOTAL	PUBLIC	NONPUBLIC	TOTAL	PUBLIC	NONPUBLIC
STATE TOTALS	2 040 840	1 674 161	366 679	1 124 203	856 962	267 241	916 637	817 199	99 438
ADAMS	13 522	11 813	1 709	7 155	6 135	1 020	6 367	5 678	689
ALLEGHENY	210 326	168 497	41 829	115 246	82 264	32 982	95 080	86 233	8 847
ARMSTRONG	14 329	13 528	801	7 620	6 899	721	6 709	6 629	80
BEAVER	32 615	29 933	2 682	17 455	15 320	2 135	15 160	14 613	547
BEDFORD	9 077	8 788	289	4 681	4 424	257	4 396	4 364	32
BERKS	56 241	50 026	6 215	30 315	26 025	4 290	25 926	24 001	1 925
BLAIR	24 387	21 251	3 136	13 300	10 847	2 453	11 087	10 404	683
BRADFORD	13 154	12 610	544	7 224	6 707	517	5 930	5 903	27
BUCKS	96 839	75 679	21 160	53 836	38 682	15 154	43 003	36 997	6 006
BUTLER	25 805	24 123	1 682	13 945	12 365	1 580	11 860	11 758	102
CAMBRIA	29 696	24 502	5 194	16 093	11 936	4 157	13 603	12 566	1 037
CAMERON	1 144	1 144	-	565	565	-	579	579	-
CARBON	9 487	8 451	1 036	5 269	4 241	1 028	4 218	4 210	8
CENTRE	13 667	12 729	938	7 108	6 270	838	6 559	6 459	100
CHESTER	62 159	51 650	10 509	33 392	26 517	6 875	28 767	25 133	3 634
CLARION	9 049	8 623	426	4 804	4 420	384	4 245	4 203	42
CLEARFIELD	18 153	17 127	1 026	9 730	9 013	717	8 423	8 114	309
CLINTON	6 333	5 960	373	3 443	3 082	361	2 890	2 878	12
COLUMBIA	11 855	11 232	623	6 140	5 558	582	5 715	5 674	41
CRAWFORD	13 793	12 870	923	7 402	6 545	857	6 391	6 325	66
CUMBERLAND	37 061	33 611	3 450	19 302	16 886	2 416	17 759	16 725	1 034
DAUPHIN	41 076	34 956	6 120	23 059	18 582	4 477	18 017	16 374	1 643
DELAWARE	89 031	59 054	29 977	50 506	30 753	19 753	38 525	28 301	10 224
ELK	6 852	5 154	1 698	3 734	2 363	1 371	3 118	2 791	327
ERIE	54 083	42 539	11 544	30 797	22 062	8 735	23 286	20 477	2 809
FAYETTE	27 109	24 527	2 582	14 406	12 337	2 069	12 703	12 190	513
FOREST	849	814	35	417	392	25	432	422	10
FRANKLIN	20 755	18 809	1 946	10 556	9 396	1 160	10 199	9 413	786
FULTON	2 719	2 678	41	1 455	1 424	31	1 264	1 254	10
GREENE	7 909	7 780	129	4 158	4 078	80	3 751	3 702	49
HUNTINGDON	7 411	7 220	191	3 714	3 687	27	3 697	3 533	164
INDIANA	15 700	14 728	972	8 293	7 632	661	7 407	7 096	311
JEFFERSON	8 247	8 030	217	4 321	4 104	217	3 926	3 926	-
JUNIATA	3 720	3 476	244	2 026	1 801	225	1 694	1 675	19
LACKAWANNA	35 649	28 483	7 166	19 454	14 465	4 989	16 195	14 018	2 177
LANCASTER	71 177	56 511	14 666	41 989	30 329	11 660	29 188	26 182	3 006
LAWRENCE	17 424	16 361	1 063	9 335	8 469	866	8 089	7 892	197
LEBANON	19 302	17 399	1 903	10 295	8 938	1 357	9 007	8 461	546
LEHIGH	43 034	37 944	5 090	23 491	19 613	3 878	19 543	18 331	1 212
LUZERNE	52 300	42 800	9 500	27 790	20 899	6 891	24 510	21 901	2 609
LYCOMING	21 589	20 213	1 376	11 648	10 653	995	9 941	9 560	381
MCKEAN	9 606	9 027	579	4 944	4 566	378	4 662	4 461	201
MERCER	21 651	19 510	2 141	11 452	9 864	1 588	10 199	9 646	553
MIFFLIN	7 476	6 535	941	4 064	3 227	837	3 412	3 308	104
MONROE	14 732	13 570	1 162	7 724	7 041	683	7 008	6 529	479
MONTGOMERY	113 698	76 784	36 914	62 823	38 698	24 125	50 875	38 086	12 789
MONTOUR	2 868	2 553	315	1 607	1 356	251	1 261	1 197	64
NORTHAMPTON	42 335	35 764	6 571	23 129	18 357	4 772	19 206	17 407	1 799
NORTHUMBERLAND	17 474	15 038	2 436	9 350	7 562	1 788	8 124	7 476	648
PERRY	7 874	7 504	370	4 110	3 926	184	3 764	3 578	186
PHILADELPHIA	286 386	195 552	90 834	171 185	105 511	65 674	115 201	90 041	25 160
PIKE	2 101	2 086	15	1 145	1 130	15	956	956	-
POTTER	3 657	3 546	111	1 840	1 766	74	1 817	1 780	37
SCHUYLKILL	25 064	21 095	3 969	13 311	10 389	2 922	11 753	10 706	1 047
SNYDER	6 071	5 505	566	3 295	2 804	491	2 776	2 701	75
SOMERSET	15 033	14 093	940	8 113	7 382	731	6 920	6 711	209
SULLIVAN	1 061	1 025	36	577	554	23	484	471	13
SUSQUEHANNA	8 449	8 382	67	4 574	4 539	35	3 875	3 843	32
TIOGA	7 684	7 344	340	4 046	3 804	242	3 638	3 540	98
UNION	4 589	4 088	501	2 548	2 094	454	2 041	1 994	47
VENANGO	12 899	12 090	809	7 027	6 456	571	5 872	5 634	238
WARREN	7 897	7 461	436	4 188	3 810	378	3 709	3 651	58
WASHINGTON	35 248	32 434	2 814	18 148	16 036	2 112	17 100	16 398	702
WAYNE	7 721	7 156	565	4 253	3 823	430	3 468	3 333	135
WESTMORELAND	65 676	58 354	7 322	34 388	28 195	6 193	31 288	30 159	1 129
WYOMING	5 214	5 139	75	2 718	2 660	58	2 496	2 479	17
YORK	53 748	48 903	4 845	28 175	24 734	3 441	25 573	24 169	1 404

Elementary enrollments include kindergarten through 8th grade elementary and elementary ungraded enrollments.
Secondary enrollments include 7th grade secondary through 12th grade, secondary ungraded and postgraduate enrollments.
Nonpublic enrollments include resident and nonresident students.
All enrollment data is unduplicated.

Public School Enrollments

FIGURE 2
PUBLIC SCHOOL ENROLLMENT TREND
FALL 1967 THROUGH FALL 1986

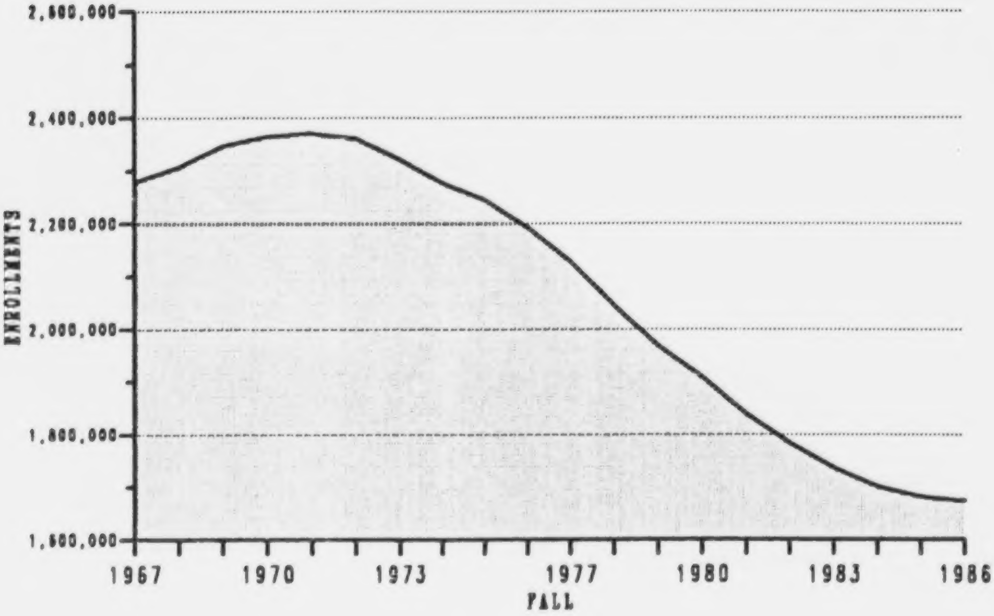


FIGURE 3
PUBLIC ELEMENTARY AND SECONDARY ENROLLMENTS
FALL 1977 THROUGH FALL 1986

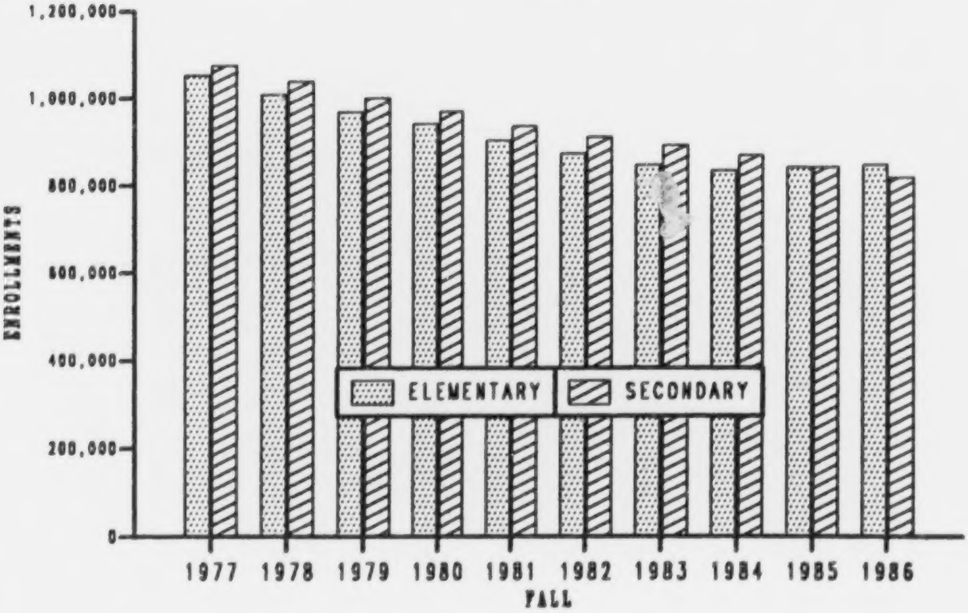


TABLE 2

PUBLIC SCHOOL ENROLLMENTS BY LEVEL
1977-78 THROUGH 1986-87

Year	Total	Elementary	Secondary
1977-78	2 128 873	1 054 040	1 074 833
1978-79	2 046 746	1 008 664	1 038 082
1979-80	1 968 801	968 325	1 000 476
1980-81	1 909 292	940 387	968 905
1981-82	1 839 015	903 342	935 673
1982-83	1 783 969	872 629	911 340
1983-84	1 737 952	846 145	891 807
1984-85	1 701 880	833 996	867 884
1985-86	1 683 221	841 419	841 802
1986-87	1 674 161	856 962	817 199

Pennsylvania's total public school enrollments for 1986-87 were 1,674,161. This represented a drop of 9,060 pupils (0.5 percent) from the 1985-86 figure, and a 29.4 percent decline from the high of 2,370,665 pupils reported in 1971-72. Elementary public school enrollments, which crested at 1,267,059 in 1969-70, dropped continually to a figure of 833,996 in 1984-85. Since then we have experienced increasing enrollments at the elementary level. The 1986-87 elementary enrollments were 856,962, a 1.8 percent increase over the number reported in 1985-86 and an increase of 2.8 percent from the low of 833,996 pupils reported in 1984-85. Public school secondary enrollments, which peaked in 1973-74 at 1,137,660, have fallen to their present level of 817,199 reported for the 1986-87 school year. This is a 2.9 percent decline from the 1985-86 figure of 841,802.

TABLE 5

PUBLIC ELEMENTARY SCHOOL ENROLLMENTS BY GRADE BY COUNTY
1986-87

COUNTY	TOTAL	GRADE										UN-GRADED
		K	TR	1	2	3	4	5	6	7	8	
STATE TOTALS	856 962	124 171	2 543	130 388	119 948	114 179	112 088	108 589	111 931	8	7	33 110
ADAMS	6 135	955	16	890	834	792	790	767	809	-	-	282
ALLEGHENY	82 264	12 179	92	12 609	11 352	10 921	10 803	10 310	10 553	-	-	3 445
ARMSTRONG	6 899	966	20	1 023	964	758	908	928	954	-	-	178
BEAVER	15 320	2 290	5	2 259	2 208	2 023	1 980	2 051	2 181	-	-	323
BEDFORD	4 424	665	-	666	617	582	648	565	599	-	-	82
BERKS	26 025	3 699	58	4 123	3 718	3 377	3 356	3 151	3 322	-	-	1 221
BLAIR	10 847	1 606	16	1 623	1 468	1 553	1 374	1 468	1 510	-	-	229
BRADFORD	6 707	1 045	100	993	867	900	836	844	950	-	-	172
BUCKS	38 682	6 206	256	5 679	5 111	5 095	4 879	5 033	5 002	-	-	1 421
BUTLER	12 365	1 797	-	1 837	1 788	1 705	1 749	1 614	1 649	-	-	226
CAMBRIA	11 936	1 615	-	1 759	1 661	1 649	1 652	1 636	1 734	-	-	230
CAMERON	565	92	-	83	81	77	61	73	83	-	-	15
CARBON	4 241	544	-	610	574	535	530	519	574	-	-	355
CENTRE	6 270	871	-	980	912	937	898	809	848	-	-	15
CHESTER	26 517	3 954	34	4 105	3 699	3 527	3 540	3 463	3 497	-	-	698
CLARION	4 420	622	4	699	611	638	604	594	583	-	-	65
CLEARFIELD	9 013	1 326	16	1 380	1 264	1 258	1 299	1 237	1 158	-	-	75
CLINTON	3 082	455	-	438	462	413	422	426	408	-	-	58
COLUMBIA	5 558	747	22	853	778	736	768	718	746	-	-	190
CRAWFORD	6 545	971	31	982	939	917	854	865	889	-	-	97
CUMBERLAND	16 886	2 353	57	2 459	2 293	2 177	2 299	2 230	2 352	-	-	666
DAUPHIN	18 582	3 278	30	2 692	2 536	2 370	2 285	2 181	2 345	-	-	865
DELAWARE	30 753	4 753	70	4 819	4 258	3 937	3 875	3 710	3 817	-	-	1 514
ELK	2 363	322	-	323	361	278	307	309	346	-	-	117
ERIE	22 062	3 381	37	3 478	3 012	2 878	2 817	2 745	2 879	-	-	835
FAYETTE	12 337	1 727	-	1 816	1 674	1 673	1 696	1 557	1 577	-	-	617
FOREST	392	52	1	54	60	64	54	51	52	-	-	4
FRANKLIN	9 396	1 290	126	1 318	1 270	1 197	1 266	1 256	1 395	-	-	278
FULTON	1 424	195	-	212	182	203	214	192	183	-	-	43
GREENE	4 078	524	25	575	534	570	551	541	595	-	-	163
HUNTINGDON	3 687	447	17	569	506	481	533	528	528	-	-	78
INDIANA	7 632	1 125	-	1 152	1 093	1 031	1 010	1 017	977	-	-	227
JEFFERSON	4 104	579	6	648	589	551	541	545	514	-	-	131
JUNIATA	1 801	265	-	282	242	260	251	225	242	-	-	34
LACKAWANNA	14 465	2 077	16	2 013	1 924	1 903	1 874	1 893	1 985	-	-	780
LANCASTER	30 329	4 224	618	4 546	4 228	4 080	3 871	3 785	3 937	8	7	1 025
LAWRENCE	8 469	1 248	-	1 277	1 278	1 151	1 149	1 075	1 140	-	-	151
LEBANON	8 938	1 268	157	1 262	1 253	1 193	1 207	1 130	1 205	-	-	263
LEHIGH	19 613	2 970	20	2 943	2 754	2 604	2 637	2 475	2 665	-	-	545
LUZERNE	20 899	2 896	-	3 058	2 928	2 832	2 671	2 814	2 839	-	-	861
LYCOMING	10 653	1 571	44	1 640	1 413	1 392	1 348	1 364	1 448	-	-	433
MCKEAN	4 566	657	-	681	640	581	606	567	602	-	-	232
MERCER	9 864	1 435	27	1 475	1 395	1 340	1 332	1 382	1 385	-	-	93
MIFFLIN	3 227	472	-	506	458	392	424	416	454	-	-	105
MONROE	7 041	975	14	1 032	985	933	916	891	946	-	-	349
MONTGOMERY	38 698	5 780	137	5 957	5 379	4 979	4 896	4 893	5 148	-	-	1 529
MONTOUR	1 356	207	-	212	185	193	184	173	186	-	-	16
NORTHAMPTON	18 357	2 547	144	2 701	2 508	2 406	2 349	2 381	2 387	-	-	934
NORTHUMBERLAND	7 562	1 038	10	1 139	1 056	1 002	1 000	956	1 085	-	-	276
PERRY	3 926	580	15	627	588	546	512	532	492	-	-	34
PHILADELPHIA	105 511	14 353	-	17 478	15 859	14 114	13 400	11 897	11 619	-	-	6 791
PIKE	1 130	181	-	169	159	150	112	157	161	-	-	41
POTTER	1 766	248	-	253	262	248	252	225	216	-	-	62
SCHUYLKILL	10 389	1 494	45	1 467	1 377	1 411	1 332	1 360	1 447	-	-	456
SNYDER	2 804	372	15	375	355	388	362	400	384	-	-	153
SOMERSET	7 382	1 061	16	1 070	1 045	1 043	997	1 015	1 035	-	-	100
SULLIVAN	554	85	-	96	91	65	64	76	67	-	-	10
SUSQUEHANNA	4 539	664	-	701	674	600	566	602	558	-	-	174
TIOGA	3 804	621	-	624	521	503	505	466	514	-	-	50
UNION	2 094	295	13	312	283	296	265	289	260	-	-	81
VENANGO	6 456	994	22	899	901	880	841	811	929	-	-	179
WARREN	3 810	533	-	618	576	525	517	474	472	-	-	95
WASHINGTON	16 036	2 209	24	2 356	2 223	2 233	2 176	2 084	2 214	-	-	517
WAYNE	3 823	571	-	562	532	523	503	477	528	-	-	127
WESTMORELAND	28 195	3 769	34	4 182	3 905	3 778	3 941	3 800	3 977	-	-	809
WYOMING	2 660	395	-	397	362	349	341	353	374	-	-	89
YORK	24 734	3 485	133	3 772	3 333	3 283	3 288	3 218	3 421	-	-	801

TABLE 4

PUBLIC SECONDARY SCHOOL ENROLLMENTS BY GRADE BY COUNTY
1986-87

COUNTY	TOTAL	GRADE 7	8	9	10	11	12	POST-GRADUATES	UN-GRADED
STATE TOTALS	817 199	119 207	121 502	139 761	142 565	137 798	126 701	84	29 581
ADAMS	5 678	833	946	948	904	920	773	-	354
ALLEGHENY	86 233	11 101	11 770	14 796	15 078	15 238	14 297	-	3 953
ARMSTRONG	6 629	1 055	1 000	1 067	1 161	1 088	1 060	-	198
BEAVER	14 613	2 082	2 207	2 503	2 708	2 496	2 329	-	288
BEDFORD	4 364	695	685	741	759	771	671	17	25
BERKS	24 001	3 587	3 798	3 981	4 103	4 067	3 636	-	829
BLAIR	10 404	1 566	1 561	1 796	1 886	1 841	1 703	-	51
BRADFORD	5 903	862	930	1 041	1 058	1 003	931	-	78
BUCKS	36 997	5 298	5 321	5 897	6 374	6 561	6 073	-	1 473
BUTLER	11 758	1 699	1 733	2 110	2 174	1 920	1 938	-	184
CAMBRIA	12 566	1 836	1 775	2 167	2 207	2 239	2 176	-	166
CAMERON	579	85	93	103	114	89	90	-	5
CARBON	4 210	582	573	718	647	698	620	-	372
CENTRE	6 459	971	1 058	1 135	1 199	1 029	1 043	-	24
CHESTER	25 133	3 744	3 787	4 133	4 100	4 359	4 035	7	968
CLARION	4 203	667	670	669	751	743	666	-	37
CLEARFIELD	8 114	1 360	1 318	1 348	1 377	1 372	1 301	-	38
CLINTON	2 878	467	497	465	487	493	465	-	4
COLUMBIA	5 674	757	846	906	1 022	1 013	932	-	198
CRAWFORD	6 325	965	995	1 095	1 102	1 113	967	-	88
CUMBERLAND	16 725	2 430	2 602	2 759	2 955	2 976	2 553	-	450
DAUPHIN	16 374	2 467	2 481	3 069	2 884	2 622	2 339	-	512
DELAWARE	28 301	3 899	4 129	4 589	4 952	4 940	4 936	-	856
ELK	2 791	392	386	461	500	455	448	-	149
ERIE	20 477	2 799	3 008	3 630	3 687	3 438	3 198	-	717
FAYETTE	12 190	1 751	1 876	1 972	2 021	1 883	1 795	13	879
FOREST	422	69	67	60	71	73	70	-	12
FRANKLIN	9 413	1 466	1 528	1 593	1 765	1 539	1 388	-	134
FULTON	1 254	205	212	181	218	191	177	-	70
GREENE	3 702	558	615	566	620	571	567	-	205
HUNTINGDON	3 533	540	539	596	607	625	580	-	46
INDIANA	7 096	1 124	1 151	1 167	1 218	1 101	1 142	-	193
JEFFERSON	3 926	582	589	594	749	761	639	-	12
JUNIATA	1 675	227	254	277	311	297	235	-	74
LACKAWANNA	14 018	2 091	1 979	2 242	2 395	2 347	2 339	-	625
LANCASTER	26 182	4 211	4 156	4 442	4 588	4 162	3 902	-	721
LAWRENCE	7 892	1 119	1 246	1 318	1 406	1 448	1 301	-	54
LEBANON	8 461	1 308	1 349	1 502	1 442	1 397	1 255	-	208
LEHIGH	18 331	2 755	2 899	3 160	3 217	3 225	2 846	35	194
LUZERNE	21 901	3 007	3 034	3 779	3 755	3 766	3 636	-	924
LYCOMING	9 560	1 416	1 479	1 704	1 687	1 630	1 498	-	146
MCKEAN	4 461	650	707	699	785	732	676	-	212
MERCER	9 646	1 491	1 531	1 650	1 688	1 589	1 494	-	203
MIFFLIN	3 308	498	527	587	464	581	587	-	64
MONROE	6 529	986	964	1 100	1 124	1 031	960	-	364
MONTGOMERY	38 086	5 571	5 420	6 055	6 619	6 795	6 330	10	1 286
MONTOUR	1 197	188	216	229	165	196	190	-	13
NORTHAMPTON	17 407	2 509	2 579	2 788	2 961	2 915	2 603	-	1 052
NORTHUMBERLAND	7 476	1 128	1 140	1 248	1 347	1 227	1 179	-	207
PERRY	3 578	637	578	651	622	581	494	-	15
PHILADELPHIA	90 041	13 445	12 688	17 410	16 191	13 726	10 860	-	5 721
PIKE	956	144	152	140	146	152	133	-	89
POTTER	1 780	258	253	298	294	295	280	-	102
SCHUYLKILL	10 706	1 481	1 541	1 885	1 784	1 656	1 608	-	751
SNYDER	2 701	422	448	396	441	461	422	-	111
SOMERSET	6 711	1 080	1 119	1 119	1 156	1 107	1 071	-	59
SULLIVAN	471	74	54	87	93	71	88	-	4
SUSQUEHANNA	3 843	586	642	617	663	651	588	2	94
TIOGA	3 540	558	572	622	593	591	568	-	36
UNION	1 994	283	334	344	331	327	314	-	61
VENANGO	5 634	900	969	974	952	915	871	-	53
WARREN	3 651	599	516	614	635	668	589	-	30
WASHINGTON	16 398	2 414	2 403	2 785	2 885	2 846	2 581	-	484
WAYNE	3 333	491	547	558	543	591	536	-	67
WESTMORELAND	30 159	4 337	4 369	5 021	5 282	5 124	5 110	-	916
WYOMING	2 479	398	412	412	441	430	339	-	47
YORK	24 169	3 451	3 679	4 192	4 101	4 040	3 680	-	1 026

TABLE 5

PUBLIC ELEMENTARY SCHOOL ENROLLMENTS BY RACE BY COUNTY
1986-87

COUNTY	TOTAL	AMER IND ALASK NTVE	ASIAN PACIFIC ISLND	BLACK (NON-HISPANIC)	HISPANIC	WHITE (NON-HISPANIC)
STATE TOTALS	856 962	486	11 479	118 036	21 732	705 229
ADAMS	6 135	4	39	110	123	5 859
ALLEGHENY	82 264	44	1 016	17 547	177	63 480
ARMSTRONG	6 899	1	15	52	7	6 824
BEAVER	15 320	11	47	1 388	20	13 854
BEDFORD	4 424	1	8	22	4	4 389
BERKS	26 025	8	222	1 024	1 949	22 822
BLAIR	10 847	4	61	125	18	10 639
BRADFORD	6 707	3	10	9	4	6 681
BUCKS	38 682	31	717	1 582	644	35 708
BUTLER	12 365	7	62	74	17	12 205
CAMBRIA	11 936	1	37	455	32	11 411
CAMERON	565	-	1	4	-	560
CARBON	4 241	-	13	7	23	4 198
CENTRE	6 270	7	168	82	49	5 964
CHESTER	26 517	8	380	2 626	643	22 860
CLARION	4 420	1	11	17	3	4 388
CLEARFIELD	9 013	2	32	15	3	8 961
CLINTON	3 082	-	4	5	-	3 073
COLUMBIA	5 558	2	18	33	9	5 496
CRAWFORD	6 545	-	24	154	10	6 357
CUMBERLAND	16 886	6	276	292	60	16 252
DAUPHIN	18 582	8	312	4 639	702	12 921
DELAWARE	30 753	15	705	5 746	350	23 937
ELK	2 363	-	12	3	-	2 348
ERIE	22 062	8	164	1 966	343	19 581
FAYETTE	12 337	-	20	659	7	11 651
FOREST	392	-	-	2	-	390
FRANKLIN	9 396	13	78	408	48	8 849
FULTON	1 424	-	1	21	-	1 402
GREENE	4 078	4	13	25	5	4 031
HUNTINGDON	3 687	1	2	66	2	3 616
INDIANA	7 632	-	41	61	9	7 521
JEFFERSON	4 104	-	15	4	-	4 085
JUNIATA	1 801	2	13	3	2	1 781
LACKAWANNA	14 465	5	142	195	31	14 092
LANCASTER	30 329	16	576	1 423	1 730	26 584
LAWRENCE	8 469	1	36	439	7	7 986
LEBANON	8 938	1	133	48	293	8 463
LEHIGH	19 613	12	324	745	1 625	16 907
LUZERNE	20 899	7	79	258	66	20 489
LYCOMING	10 653	4	56	222	5	10 366
MCKEAN	4 566	4	21	11	6	4 524
MERCER	9 864	2	43	669	17	9 133
MIFFLIN	3 227	7	17	11	1	3 191
MONROE	7 041	10	66	174	71	6 720
MONTGOMERY	38 698	29	1 446	3 572	421	33 230
MONTOUR	1 356	-	23	8	2	1 323
NORTHAMPTON	18 357	2	182	736	1 124	16 313
NORTHUMBERLAND	7 562	4	11	36	28	7 483
PERRY	3 926	-	1	2	-	3 923
PHILADELPHIA	105 511	111	3 141	67 027	10 345	24 887
PIKE	1 130	2	17	9	27	1 075
POTTER	1 766	4	11	2	4	1 745
SCHUYLKILL	10 389	2	42	58	14	10 273
SNYDER	2 804	2	16	4	4	2 778
SOMERSET	7 382	2	14	9	2	7 355
SULLIVAN	554	-	-	3	-	551
SUSQUEHANNA	4 539	1	9	19	14	4 496
TIOGA	3 804	2	5	23	3	3 771
UNION	2 094	-	13	13	12	2 056
VENANGO	6 456	6	36	38	13	6 363
WARREN	3 810	3	9	1	-	3 797
WASHINGTON	16 036	15	45	782	18	15 176
WAYNE	3 823	2	8	16	13	3 784
WESTMORELAND	28 195	13	197	844	35	27 106
WYOMING	2 660	5	7	11	2	2 635
YORK	24 734	20	216	1 402	536	22 560

TABLE 6

PUBLIC SECONDARY SCHOOL ENROLLMENTS BY RACE BY COUNTY
1986-87

COUNTY	TOTAL	AMER IND ALASK NTVE	ASIAN PACIFIC ISLND	BLACK (NON-HISPANIC)	HISPANIC	WHITE (NON-HISPANIC)
STATE TOTALS	817 199	692	9 956	101 273	15 095	690 183
ADAMS	5 678	2	21	135	72	5 448
ALLEGHENY	86 233	55	747	14 894	147	70 390
ARMSTRONG	6 629	-	12	68	5	6 544
BEAVER	14 613	28	41	1 293	19	13 232
BEDFORD	4 364	1	14	29	7	4 313
BERKS	24 001	17	273	885	1 259	21 567
BLAIR	10 404	2	40	101	15	10 246
BRADFORD	5 903	3	11	14	9	5 866
BUCKS	36 997	34	525	1 567	497	34 374
BUTLER	11 758	1	35	52	19	11 651
CAMBRIA	12 566	3	24	357	20	12 162
CAMERON	579	-	2	2	2	573
CARBON	4 210	1	21	20	39	4 129
CENTRE	6 459	6	79	51	38	6 285
CHESTER	25 133	24	334	2 301	505	21 969
CLARION	4 203	-	30	7	6	4 160
CLEARFIELD	8 114	4	21	18	6	8 065
CLINTON	2 878	-	10	5	-	2 863
COLUMBIA	5 674	7	23	11	5	5 628
CRAWFORD	6 325	10	29	137	13	6 136
CUMBERLAND	16 725	8	236	253	52	16 176
DAUPHIN	16 374	19	259	3 746	353	11 997
DELAWARE	28 301	20	628	4 809	209	22 635
ELK	2 791	3	13	5	-	2 770
ERIE	20 477	29	105	1 585	206	18 552
FAYETTE	12 190	7	18	724	2	11 439
FOREST	422	-	-	3	-	419
FRANKLIN	9 413	15	66	445	31	8 856
FULTON	1 254	-	2	20	-	1 232
GREENE	3 702	-	5	16	5	3 676
HUNTINGDON	3 533	1	3	62	2	3 465
INDIANA	7 096	2	51	72	14	6 957
JEFFERSON	3 926	-	11	-	-	3 915
JUNIATA	1 675	1	5	5	2	1 662
LACKAWANNA	14 018	3	104	146	29	13 736
LANCASTER	26 182	8	492	990	1 224	23 468
LAWRENCE	7 892	3	37	387	7	7 458
LEBANON	8 461	1	107	46	269	8 038
LEHIGH	18 331	6	245	568	994	16 518
LUZERNE	21 901	14	61	169	27	21 630
LYCOMING	9 560	9	30	193	9	9 319
MCKEAN	4 461	10	20	16	5	4 410
MERCER	9 646	2	49	727	23	8 845
MIFFLIN	3 308	1	9	12	4	3 282
MONROE	6 529	28	69	135	56	6 241
MONTGOMERY	38 086	25	1 313	3 305	327	33 116
MONTOUR	1 197	4	14	5	-	1 174
NORTHAMPTON	17 407	9	184	538	856	15 820
NORTHUMBERLAND	7 476	4	9	21	19	7 423
PERRY	3 578	-	6	3	2	3 567
PHILADELPHIA	90 041	126	2 983	57 388	7 243	22 301
PIKE	956	1	4	5	6	940
POTTER	1 780	1	7	7	1	1 764
SCHUYLKILL	10 706	1	35	40	14	10 616
SNYDER	2 701	1	13	4	-	2 683
SOMERSET	6 711	4	12	4	4	6 687
SULLIVAN	471	-	1	-	-	470
SUSQUEHANNA	3 843	1	6	14	6	3 816
TIOGA	3 540	2	9	17	2	3 510
UNION	1 994	1	11	18	8	1 956
VENANGO	5 634	3	28	31	6	5 566
WARREN	3 651	35	8	7	4	3 597
WASHINGTON	16 398	22	36	807	39	15 494
WAYNE	3 333	4	6	13	12	3 298
WESTMORELAND	30 159	41	164	729	46	29 179
WYOMING	2 479	-	5	13	2	2 459
YORK	24 169	19	185	1 223	292	22 450

TABLE 7

PUBLIC SCHOOLS IN OPERATION
1977-78 THROUGH 1986-87

Year	Total	Elementary	Secondary	Combined*
1977-78	3 981	2 607	992	382
1978-79	3 903	2 532	989	382
1979-80	3 805	2 439	974	392
1980-81	3 734	2 368	952	414
1981-82	3 616	2 261	932	423
1982-83	3 507	2 162	903	442
1983-84	3 487	2 108	901	478
1984-85	3 432	2 056	895	481
1985-86	3 410	2 037	887	486
1986-87	3 397	2 027	881	489

* Includes Middle Schools.

TABLE 8

DISTRIBUTION OF PUBLIC SECONDARY AND COMBINED SCHOOLS AND PUBLIC SECONDARY ENROLLMENTS BY GRADE BY SCHOOL CLASSIFICATION, 1986-87

CLASSIFICATION	NUMBER OF SCHOOLS	TOTAL ENROLLMENTS	GRADE 7	8	9	10	11	12	POST-GRADUATES	UN-GRADED
STATE TOTALS	1 370	817 199	119 207	121 502	139 761	142 565	137 798	126 701	84	29 581
THREE-YEAR JHS (7-9)	133	91 107	28 943	29 374	29 767	-	-	-	-	3 023
SIX-YEAR JSHS (7-12)	198	133 821	21 012	21 608	23 063	23 300	22 466	21 202	2	1 168
THREE-YEAR SHS (10-12)	92	98 027	-	-	-	33 136	33 311	30 659	48	873
FOUR-YEAR HS (9-12)	268	283 488	-	-	71 788	73 706	70 797	64 342	10	2 845
TWO-YEAR JHS (7-8)	51	24 938	12 417	12 343	-	-	-	-	-	178
TWO-YEAR HS (9-10)	11	10 387	-	-	5 158	5 084	-	-	-	145
TWO-YEAR HS (11-12)	8	8 068	-	-	-	-	4 090	3 934	-	44
STATE-OWNED (SPECIAL)*	1	75	-	-	-	-	-	-	-	75
AREA VO-TECH SCH (FULL-TIME)	14	13 548	-	-	1 838	4 130	3 960	3 505	7	108
AREA VO-TECH SCH (PART-TIME)*	71	45 398	-	2	312	10 400	17 479	16 420	211	574
SPECIAL EDUCATION	13	2 906	7	10	113	209	147	79	-	2 341
MIDDLE SCHOOL (COMBINED)	275	104 464	50 765	49 300	1 443	-	-	-	-	2 956
OTHER COMBINED	214	30 592	5 662	4 721	1 350	1 053	1 001	955	17	15 833
OTHER SECONDARY	21	15 853	401	4 146	5 241	1 947	2 026	2 025	-	67

* ENROLLMENTS ARE ALSO REPORTED BY THE SENDING SCHOOL. THEREFORE, BEING DUPLICATE DATA, THESE ENROLLMENTS ARE NOT INCLUDED IN THE STATE TOTALS.

TABLE 9

ENROLLMENTS OF MIDDLE SCHOOLS BY GRADE, 1986-87

	NO. SCHS	TOTAL ENROLLMENTS	4	5	6	ELEM UNGR	7	8	9	SEC UNGR
STATE TOTALS	275	163 153	564	9 543	47 788	794	50 765	49 300	1 443	2 956
4-YR MIDDLE SCHOOL (GR. 5-8)	55	36 613	-	8 371	8 949	144	9 108	9 604	-	437
3-YR MIDDLE SCHOOL (GR. 6-8)	198	112 790	-	-	34 939	621	37 115	37 798	-	2 317
OTHER MIDDLE SCHOOL	22	13 750	564	1 172	3 900	29	4 542	1 898	1 443	202

TABLE 10

ENROLLMENTS OF AREA VOCATIONAL-TECHNICAL SCHOOLS BY GRADE, 1986-87

			GRADES							
	NO. SCHS	TOTAL ENROLLMENTS	7	8	9	10	11	12	POST-GRADUATES	SEC UNGR
STATE TOTALS	85	58 946	-	2	2 150	14 530	21 439	19 925	218	682
FULL-TIME AVTS	14	13 548	-	-	1 838	4 130	3 960	3 505	7	108
PART-TIME AVTS	71	45 398	-	2	312	10 400	17 479	16 420	211	574

Nonpublic School Enrollments

FIGURE 4
NONPUBLIC SCHOOL ENROLLMENT TREND
FALL 1967 THROUGH FALL 1986

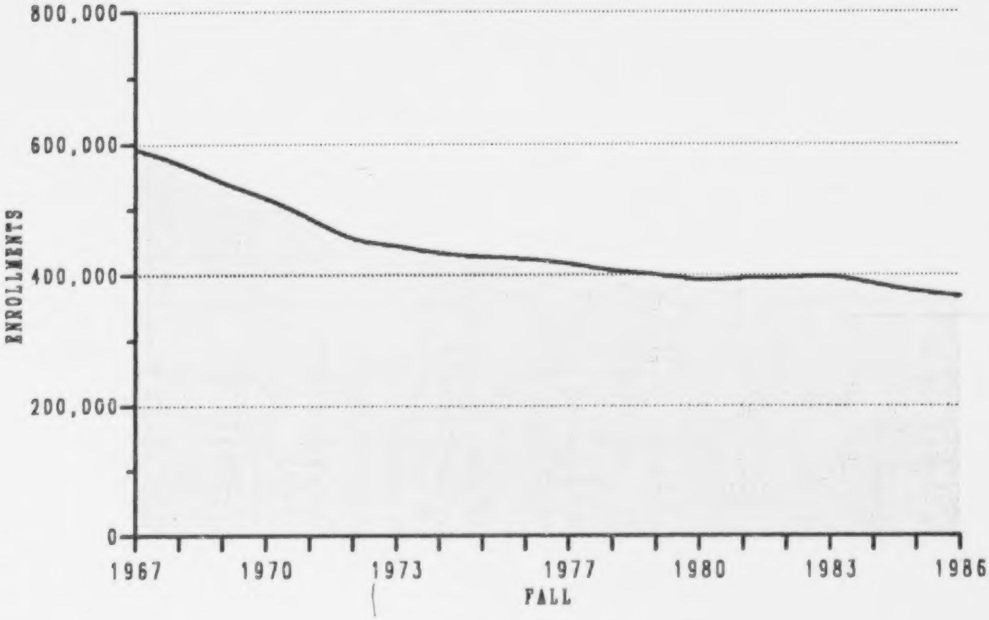


FIGURE 5
NONPUBLIC ELEMENTARY AND SECONDARY ENROLLMENTS
FALL 1977 THROUGH FALL 1986

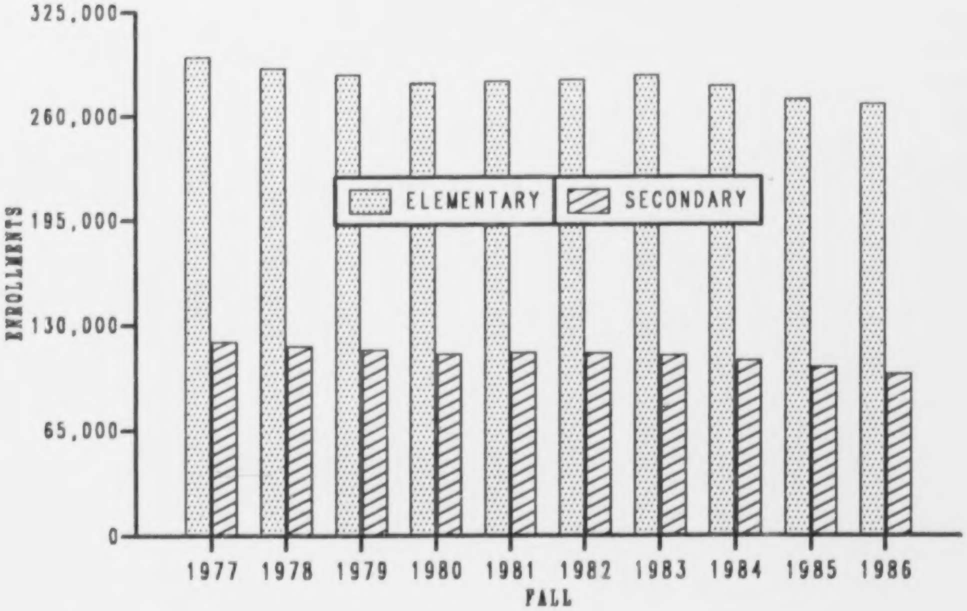


TABLE 11

NONPUBLIC SCHOOL ENROLLMENTS BY LEVEL
1977-78 THROUGH 1986-87

Year	Total	Elementary	Secondary
1977-78	416 703	296 973	119 730
1978-79	406 485	289 630	116 855
1979-80	399 955	285 514	114 441
1980-81	392 402	280 319	112 083
1981-82	394 099	281 357	112 742
1982-83*	401 628	288 665	112 963
1983-84	396 233	285 372	110 861
1984-85	386 020	278 236	107 784
1985-86	374 398	270 541	103 857
1986-87	366 679	267 241	99 438

* Due to reporting inconsistencies, the 1982-83 enrollment figure as recorded is too high. The 1982-83 nonpublic enrollment figure could have as many as 6,600 students more than were actually enrolled. The majority of these enrollments are at the elementary level.

The total enrollment pattern for the nonpublic schools during the past decade shows a general decline with some fluxuation occurring during recent years at the elementary level. The secondary enrollments have continued to decline.

The total nonpublic school enrollment for 1986-87 was 366,679, a decrease of 2.1 percent from the 1985-86 figure of 374,398. While there was an across the board decline in nonpublic enrollments, there is insufficient data as to the cause. Secondary enrollments dropped 4.3 percent in 1986-87 from the 103,857 pupils reported in 1985-86 to 99,438. This is the first time nonpublic secondary enrollments have been below 100,000 students since the 1956-57 school year.

NOTE: The approximately 3,500 students attending nonpublic schools via an intermediate unit's "Approved Private School Program," or any other publicly funded educational programming, were excluded from the nonpublic enrollments starting with the 1984-85 school year. These students have historically been counted as public school pupils.

TABLE 12

NONPUBLIC ELEMENTARY SCHOOL ENROLLMENTS BY GRADE BY COUNTY
1986-87

COUNTY	TOTAL	K	1	2	GRADE 3	4	5	6	7	8	UN-GRADED
STATE TOTALS	267 241	32 513	34 498	33 173	30 886	29 864	28 257	27 801	23 031	22 801	4 417
ADAMS	1 020	100	132	132	121	122	113	106	95	94	5
ALLEGHENY	32 982	4 839	4 288	4 026	3 704	3 582	3 417	3 262	2 807	2 811	246
ARMSTRONG	721	98	117	101	92	84	71	72	44	42	-
BEAVER	2 135	247	287	289	273	245	224	248	140	122	60
BEDFORD	257	25	40	33	32	34	25	19	16	30	3
BERKS	4 290	638	567	543	526	475	421	410	319	286	105
BLAIR	2 453	298	302	323	308	276	269	295	195	187	-
BRADFORD	517	12	66	87	73	62	59	54	55	44	5
BUCKS	15 154	1 470	1 908	1 865	1 758	1 708	1 679	1 625	1 436	1 371	334
BUTLER	1 580	244	215	217	191	173	175	148	95	102	20
CAMBRIA	4 157	473	509	536	478	496	423	440	404	396	-
CAMERON	-	-	-	-	-	-	-	-	-	-	-
CARBON	1 028	137	126	142	113	110	116	99	95	90	-
CENTRE	838	217	123	113	96	90	86	79	17	12	5
CHESTER	6 875	1 068	795	801	701	758	706	693	454	468	431
CLARION	384	56	59	58	47	59	40	35	19	11	-
CLEARFIELD	717	101	75	94	81	71	88	81	53	63	10
CLINTON	361	39	49	46	65	41	46	31	27	17	-
COLUMBIA	582	105	103	72	61	50	65	48	25	25	28
CRAWFORD	857	82	135	122	118	97	100	95	57	51	-
CUMBERLAND	2 416	442	281	281	242	279	221	230	161	155	124
DAUPHIN	4 477	743	531	509	475	484	438	472	390	401	34
DELAWARE	19 753	2 195	2 565	2 475	2 273	2 216	2 131	2 088	1 800	1 843	167
ELK	1 371	199	163	194	153	158	137	119	124	124	-
ERIE	8 735	888	1 085	1 026	964	1 019	882	1 008	889	885	89
FAYETTE	2 069	303	317	291	250	243	204	179	136	131	15
FOREST	25	-	-	-	-	-	-	-	-	-	25
FRANKLIN	1 160	170	164	170	159	142	133	118	49	47	8
FULTON	31	1	4	2	6	5	4	5	2	-	2
GREENE	80	21	11	7	18	6	5	7	-	-	5
HUNTINGDON	27	2	-	3	4	7	3	6	2	-	-
INDIANA	661	100	86	99	95	82	83	56	34	26	-
JEFFERSON	217	35	28	24	28	24	23	26	12	17	-
JUNIATA	225	14	32	22	32	24	21	34	20	15	11
LACKAWANNA	4 989	597	584	571	545	532	529	519	504	471	137
LANCASTER	11 660	921	1 485	1 460	1 376	1 328	1 237	1 311	939	912	691
LAWRENCE	866	92	125	123	101	117	94	101	36	29	48
LEBANON	1 357	149	183	193	170	159	137	164	96	84	22
LEHIGH	3 878	687	492	478	441	395	381	318	308	269	109
LUZERNE	6 891	948	846	836	739	724	709	708	645	673	63
LYCOMING	995	144	152	141	123	114	138	97	4	5	77
MCKEAN	378	54	55	61	48	62	45	42	5	5	1
MERCER	1 588	154	185	170	190	155	176	168	144	147	99
MIFFLIN	837	49	119	111	112	108	103	71	52	59	53
MONROE	683	134	117	100	90	89	75	76	1	-	1
MONTGOMERY	24 125	3 695	2 895	2 763	2 750	2 612	2 470	2 405	1 963	1 997	575
MONTOUR	251	22	42	31	31	37	26	30	12	19	1
NORTHAMPTON	4 772	693	651	592	569	547	532	539	324	325	-
NORTHUMBERLAND	1 788	249	231	230	222	185	191	198	116	134	32
PERRY	184	11	17	18	16	16	16	32	25	32	1
PHILADELPHIA	65 674	6 035	8 775	8 254	7 640	7 376	7 061	6 954	6 547	6 485	547
PIKE	15	4	2	1	1	3	1	1	1	1	-
POTTER	74	15	13	11	7	8	9	11	-	-	-
SCHUYLKILL	2 922	299	377	374	334	340	299	295	274	300	30
SNYDER	491	21	63	73	75	56	48	53	45	52	5
SOMERSET	731	47	107	104	116	101	89	83	26	30	28
SULLIVAN	23	2	3	3	2	2	4	1	6	-	-
SUSQUEHANNA	35	3	3	5	4	3	4	5	-	-	8
TIOGA	242	44	40	37	42	19	23	28	6	3	-
UNION	454	9	68	53	66	51	58	54	38	45	12
VENANGO	571	64	77	66	69	73	69	62	44	47	-
WARREN	378	49	59	55	59	51	45	46	9	5	-
WASHINGTON	2 112	275	306	283	244	224	228	203	157	142	50
WAYNE	430	59	57	63	58	46	52	46	25	24	-
WESTMORELAND	6 193	1 010	788	812	726	723	627	607	461	404	35
WYOMING	58	5	11	8	7	6	5	7	8	1	-
YORK	3 441	611	407	388	376	380	368	378	238	235	60

TABLE 13

NONPUBLIC SECONDARY SCHOOL ENROLLMENTS BY GRADE BY COUNTY 1986-87

				GRADE					
COUNTY	TOTAL	7	8	9	10	11	12	POST-GRADUATES	UN-GRADED
STATE TOTALS	99 438	2 895	3 069	22 067	22 825	23 102	22 469	2 854	157
ADAMS	689	6	8	146	177	165	166	21	-
ALLEGHENY	8 847	188	205	1 978	2 168	2 104	2 101	101	2
ARMSTRONG	80	13	15	12	14	10	16	-	-
BEAVER	547	29	36	106	120	117	139	-	-
BEDFORD	32	1	2	7	9	4	9	-	-
BERKS	1 925	75	72	395	410	456	439	78	-
BLAIR	683	23	29	161	165	170	135	-	-
BRADFORD	27	5	2	2	3	3	1	11	-
BUCKS	6 006	133	145	1 420	1 505	1 409	1 393	-	1
BUTLER	102	16	13	22	10	12	18	11	-
CAMBRIA	1 037	4	2	262	238	288	243	-	-
CAMERON	-	-	-	-	-	-	-	-	-
CARBON	8	2	2	-	2	2	-	-	-
CENTRE	100	11	9	20	15	14	12	19	-
CHESTER	3 634	156	176	782	687	738	735	315	45
CLARION	42	4	5	11	6	12	4	-	-
CLEARFIELD	309	19	18	73	67	75	57	-	-
CLINTON	12	3	5	4	-	-	-	-	-
COLUMBIA	41	-	-	14	13	6	8	-	-
CRAWFORD	66	7	20	12	10	14	3	-	-
CUMBERLAND	1 034	59	52	204	215	213	217	74	-
DAUPHIN	1 643	44	46	449	410	367	327	-	-
DELAWARE	10 224	238	250	2 127	2 160	2 355	2 342	725	27
ELK	327	-	-	85	90	73	79	-	-
ERIE	2 809	40	62	644	676	645	628	114	-
FAYETTE	513	20	14	121	117	121	109	11	-
FOREST	10	-	-	1	1	3	5	-	-
FRANKLIN	786	78	64	114	155	200	162	-	13
FULTON	10	2	3	-	4	1	-	-	-
GREENE	49	6	6	9	8	7	6	7	-
HUNTINGDON	164	11	12	17	44	45	35	-	-
INDIANA	311	8	9	58	69	86	75	-	6
JEFFERSON	-	-	-	-	-	-	-	-	-
JUNIATA	19	-	-	7	8	-	4	-	-
LACKAWANNA	2 177	25	25	494	524	490	508	111	-
LANCASTER	3 006	243	249	636	660	628	551	38	1
LAWRENCE	197	24	21	20	33	37	50	12	-
LEBANON	546	65	37	108	107	108	108	13	-
LEHIGH	1 212	9	20	271	312	274	237	89	-
LUZERNE	2 609	35	50	532	601	638	667	66	20
LYCOMING	381	50	53	73	65	59	63	18	-
MCKEAN	201	31	27	34	38	32	39	-	-
MERCER	553	9	9	129	113	118	103	72	-
MIFFLIN	104	17	19	15	25	15	13	-	-
MONROE	479	80	88	72	80	79	78	2	-
MONTGOMERY	12 789	344	473	2 709	2 894	2 985	2 822	523	39
MONTOUR	64	2	7	18	14	9	14	-	-
NORTHAMPTON	1 799	82	105	353	415	422	421	-	1
NORTHUMBERLAND	648	43	43	140	133	131	121	37	-
PERRY	186	7	4	43	43	41	48	-	-
PHILADELPHIA	25 160	349	322	6 059	6 047	6 161	6 047	174	1
PIKE	-	-	-	-	-	-	-	-	-
POTTER	37	7	3	13	5	7	2	-	-
SCHUYLKILL	1 047	8	11	265	236	253	260	14	-
SNYDER	75	5	2	11	28	16	13	-	-
SOMERSET	209	33	25	42	43	33	29	4	-
SULLIVAN	13	-	-	-	-	6	7	-	-
SUSQUEHANNA	32	8	5	5	7	6	-	1	-
TIOGA	98	24	12	20	18	17	7	-	-
UNION	47	3	3	14	10	9	8	-	-
VENANGO	238	8	13	31	49	42	44	51	-
WARREN	58	14	10	13	6	8	7	-	-
WASHINGTON	702	36	27	117	149	165	148	60	-
WAYNE	135	12	23	26	18	33	22	-	1
WESTMORELAND	1 129	18	12	260	272	276	246	45	-
WYOMING	17	-	6	2	4	3	2	-	-
YORK	1 404	103	83	279	300	286	316	37	-

TABLE 14

NONPUBLIC SCHOOL ENROLLMENTS BY RELIGIOUS AFFILIATION BY LEVEL
1986-87

RELIGIOUS AFFILIATION	TOTAL SCHOOLS	% CHG	ENROLLMENTS Total	Elementary	Secondary
STATE TOTALS	2 217	+ 0.7	366 679	267 241	99 438
NON-CATHOLIC TOTALS	1 389	+ 3.0	99 517	67 859	31 658
RELIGIOUS/ NON-CATHOLIC TOTALS	943	+ 4.0	70 699	50 328	20 371
Amish	311	+ 6.1	8 360	8 360	-
Assembly of God	10	-33.3	905	799	106
Baptist	92	+ 4.5	8 756	5 825	2 931
Episcopal	15	n.c.	2 254	1 718	536
Friends	23	- 4.2	5 511	3 443	2 068
God's Missionary Church	2	-33.3	161	106	55
Jewish	28	+ 7.7	3 058	2 448	610
Lutheran	26	- 3.7	1 746	1 655	91
Mennonite	82	- 1.2	7 733	5 732	2 001
Methodist	19	- 5.0	1 332	806	526
Presbyterian	13	- 7.1	714	503	211
Seventh-day Adventist	31	+ 3.3	1 269	738	531
Other Religions	291	+ 7.8	28 900	18 195	10 705
SECULAR TOTALS	446	+ 1.4	28 818	17 531	11 287
ROMAN CATHOLIC TOTALS	828	- 3.2	267 162	199 382	67 780
Allentown Diocese	75	+ 1.4	17 819	13 573	4 246
Altoona-Johnstown Diocese	40	- 2.4	8 527	6 983	1 544
Erie Diocese	58	n.c.	16 029	12 457	3 572
Greensburg Diocese	50	- 5.7	9 010	7 688	1 322
Harrisburg Diocese	58	- 9.4	15 642	11 396	4 246
Philadelphia Diocese	321	- 4.2	144 757	103 147	41 610
Pittsburgh Diocese	155	- 1.9	39 609	32 120	7 489
Scranton Diocese	71	- 1.4	15 769	12 018	3 751

TABLE 15

NONPUBLIC SCHOOLS IN OPERATION
1977-78 THROUGH 1986-87

Year	Total	Elementary	Secondary	Combined
1977-78	1 642	1 191	195	256
1978-79	1 667	1 215	182	270
1979-80	1 779	1 289	183	307
1980-81	1 757	1 288	176	293
1981-82	1 815	1 304	179	332
1982-83	2 039	1 488	193	358
1983-84	2 105	1 522	184	399
1984-85	2 163	1 569	187	407
1985-86	2 202	1 632	193	377
1986-87	2 217	1 652	183	382

GLOSSARY

COMBINED SCHOOL -- a school which includes both elementary-level pupils and secondary-level pupils.

FULL-TIME AREA VOCATIONAL-TECHNICAL SCHOOL -- a school in which pupils from participating school districts attend a centrally located technical school organized, established and operated as a complete technical high school which provides the pupil with the total educational program of shop or laboratory and general instruction.

MIDDLE SCHOOL -- a combined school with at least three consecutive grades from 5 through 8 and other schools approved as a middle school.

PART-TIME AREA VOCATIONAL-TECHNICAL SCHOOL -- a school in which pupils from participating school districts attend a centrally located shop-laboratory center half of the school time for the practical shop or laboratory instruction program and remain in their respective resident high school half-time for the general education instruction program.

POSTGRADUATE -- a high school graduate that returns to high school and enrolls in regular high school classes. SHOULD NOT INCLUDE ADULT EDUCATION.

RACE/ETHNIC CATEGORIES --

American Indian or Alaskan Native - all persons having origins in any of the original peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.

Asian or Pacific Islanders - all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent or the Pacific Islands. This area includes for example, China, Japan, Korea, India, the Philippine Islands and Samoa.

Black (not of Hispanic origin) - all persons having origins in any of the black racial groups of Africa.

Hispanic - all persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

White (not of Hispanic origin) - all persons having origins in any of the original peoples of Europe, North Africa or the Middle East.

SCHOOL -- a division of a school system comprised of one or more grade groups organized as one unit, usually under the direction of a principal or a head teacher. One building may house more than one school or one school may occupy all or part of one or more buildings.

The Preparation and Occupational Pursuits of Teachers 1985~86

EDUCATION TODAY

Pennsylvania Department of Education 1987

The Preparation and Occupational Pursuits of Teachers 1985~86

Commonwealth of Pennsylvania
    Robert P. Casey, Governor

Department of Education
    Thomas K. Gilhool, Secretary

Bureau of Information Systems
    Bruce J. Cowling, Director

Division of Data Services
    Roger G. Hummel, Chief
    Compiled by: Devki N. Khanna, Educational Statistics Associate

June, 1987

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

The Pennsylvania Department of Education, an equal opportunity employer, will not discriminate in employment, educational programs or activities, based on race, color, religion, national origin, sex, age, ancestry, physical handicap or union membership. This policy of nondiscrimination extends to all other legally protected classifications. Publication of this policy in this document is in accordance with state and federal laws including Title IX of the Education Amendments of 1972 and Sections 503 and 504 of the Rehabilitation Act of 1973. Inquiries should be directed to Susan Mitchell, Affirmative Action Officer, 503/504 Coordinator, Education Building, 333 Market Street, Harrisburg, PA 17126-0333.

HIGHLIGHTS

The 1985-86 data on the preparation of teachers indicates:

- there was a total of 5,946 new teachers prepared, consisting of 2,446 elementary, 1,530 secondary, 1,146 combined, and 824 special education teachers. This represents a decrease of 0.3 percent when compared to the number of teachers certified last year.
- that secondary education showed an increase of 11.5 percent and elementary an increase of 2.6 percent in the number of new teachers. The number of teachers in the combined category dropped 11.2 percent and those in special education dropped 9.9 percent from last year.
- that of the five largest disciplines--general elementary, mentally/physically handicapped, early childhood, health and physical education, and mathematics--only general elementary and mathematics showed increases in the number of teachers prepared.
- there was a 49.5 percent decrease in the number of new teachers prepared compared to ten years ago.

The November 1, 1986 data on occupational pursuits indicates:

- that 45.3 percent of all new teachers were reported as "teaching," 22.9 percent were reported as "not teaching," and 31.8 percent were reported as "no information" on their occupational pursuits.
- that 32.2 percent of the teachers prepared in 1985-86 were teaching in Pennsylvania.
- that of the five largest disciplines, general elementary placed 46.5 percent, mentally/physically handicapped placed 59.4 percent, early childhood placed 50.4 percent, health and physical education placed 29.9 percent, and mathematics placed 54.7 percent in teaching positions.

TABLE OF CONTENTS

Page

INTRODUCTION 1

GLOSSARY 15

TABLES

Table Page

1. Teachers Prepared in Pennsylvania, 1976-77 Through 1985-86 2
2. A Comparison of Teachers Prepared to the Number Reported Finding Teaching Positions, 1976-77 Through 1985-86 4
3. Teachers Prepared with Initial Certification by Institutional Category, 1976-77 Through 1985-86 6
4. Elementary, Secondary, Combined, and Special Education Teachers Prepared with Initial Certification by Field of Preparation, 1976-77 Through 1985-86 8
5. Teachers Prepared with Initial Certification by Type of Preparation by Institution, 1985-86 10
6. Teachers Prepared with Initial Certification by Type of Preparation and Occupational Pursuit, 1976-77 Through 1985-86 12
7. Occupations, on November 1, 1986, of Teachers Initially Prepared by Field of Preparation, 1985-86 13

FIGURES

Figure Page

1. Teachers Prepared in Pennsylvania, 1976-77 Through 1985-86 3
2. A Comparison of Teachers Prepared to the Number Reported Finding Teaching Positions for Selected Years 5
3. Teachers Prepared with Initial Certification by Institutional Category, 1976-77 Through 1985-86 7

INTRODUCTION

"The Preparation and Occupational Pursuits of Teachers, 1985-86" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333
(phone 717-787-2644).

Source: Occupations of Persons Completing Preparation for an Instructional I Certificate in Pennsylvania, 1985-86 (PDE-4042)

TABLE 1

TEACHERS PREPARED IN PENNSYLVANIA, 1976-77 THROUGH 1985-86

	Total All Teachers	Elementary Teachers	Secondary Teachers	Combined Teachers	Special Education Teachers
1976-77	11 769	4 019	2 617	3 200	1 933
1977-78	11 443	3 991	2 701	3 016	1 735
1978-79	9 505	3 380	1 904	2 705	1 516
1979-80	8 444	2 996	1 602	2 379	1 467
1980-81	7 396	2 570	1 476	1 977	1 373
1981-82	7 172	2 446	1 385	1 761	1 580
1982-83	6 414	2 322	1 189	1 569	1 334
1983-84	5 987	2 263	1 270	1 360	1 094
1984-85	5 961	2 384	1 372	1 290	915
1985-86	5 946	2 446	1 530	1 146	824

The 5,946 teachers prepared with initial certification was the least number prepared in 29 years. The supply of new teachers reached a peak of 19,453 in 1971-72 and has declined 69.4 percent since then.

The new teachers consisted of 2,446 elementary, 1,530 secondary, 1,146 combined, and 824 special education teachers. This data, when compared to 1984-85, showed there were 2.6 percent more elementary and 11.5 percent more secondary, but 11.2 percent fewer combined and 9.9 percent fewer special education teachers prepared.

FIGURE 1

TEACHERS PREPARED IN PENNSYLVANIA,
1976-77 THROUGH 1985-86

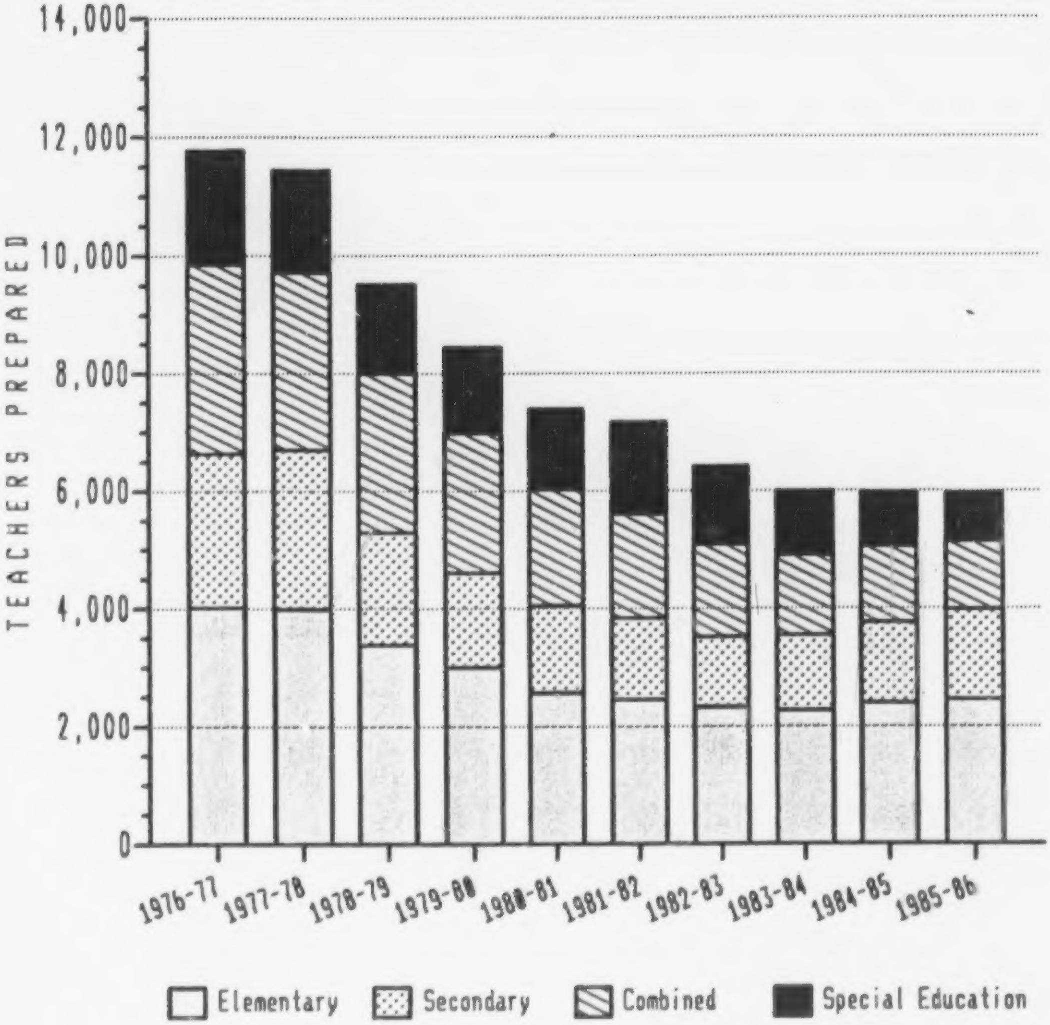


TABLE 2

A COMPARISON OF TEACHERS PREPARED TO THE NUMBER REPORTED FINDING TEACHING POSITIONS, 1976-77 THROUGH 1985-86

	Total Prepared	Total Teaching
1976-77	11 769	4 537
1977-78	11 443	4 483
1978-79	9 505	4 021
1979-80	8 444	3 598
1980-81	7 396	3 003
1981-82	7 172	2 606
1982-83	6 414	2 447
1983-84	5 987	2 395
1984-85	5 961	2 530
1985-86	5 946	2 695

Of the 5,946 teachers prepared in 1985-86, 45.3 percent were teaching as of November 1, 1986. Of those teaching, nearly 71 percent found teaching positions in Pennsylvania.

Placement by type of preparation showed that of all the teachers prepared within a specific category, special education placed the largest percentage of new teachers with 51.8 percent, elementary placed 47.1 percent, secondary placed 43.3 percent, while combined showed a 39.5 percent placement rate.

Within the four categories of teacher preparation, 10.4 percent of the elementary teachers were still seeking teaching positions; secondary, 9.3 percent; combined, 5.6 percent; and special education, 4.7 percent.

FIGURE 2

A COMPARISON OF TEACHERS PREPARED TO THE NUMBER REPORTED FINDING TEACHING POSITIONS FOR SELECTED YEARS

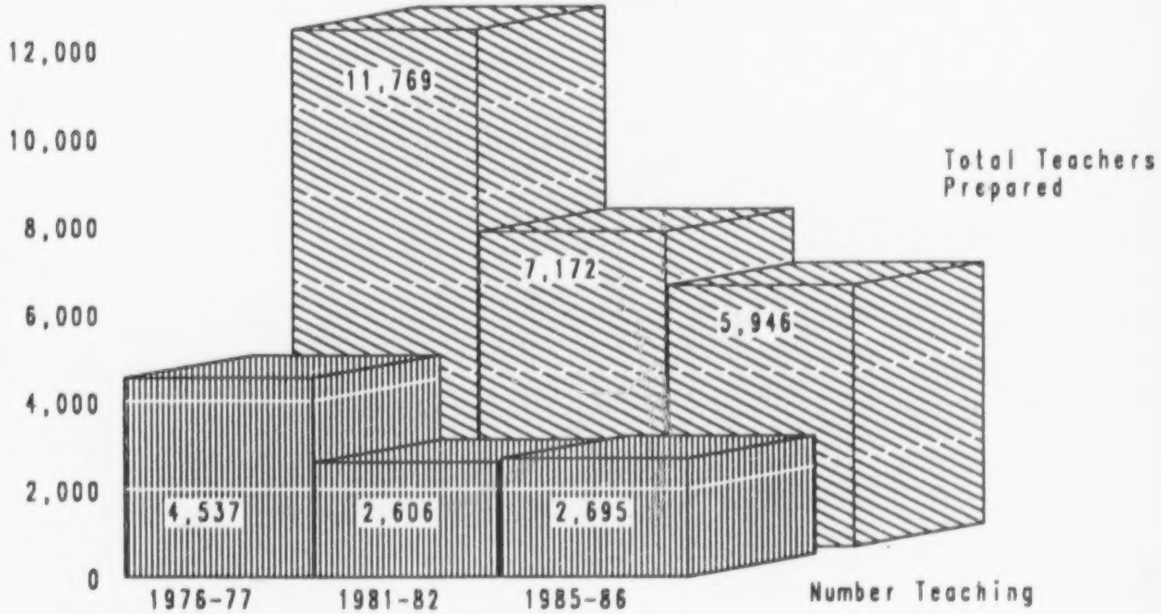


TABLE 3

TEACHERS PREPARED WITH INITIAL CERTIFICATION BY INSTITUTIONAL CATEGORY, 1976-77 THROUGH 1985-86

	Total	State Universities	State-Related Commonwealth Universities	Private State-Aided Institutions	Private Colleges and Universities
1976-77	11 769	6 344	2 263	132	3 030
1977-78	11 443	5 825	2 587	144	2 887
1978-79	9 505	5 151	1 965	101	2 288
1979-80	8 444	4 716	1 682	78	1 968
1980-81	7 396	4 173	1 393	57	1 773
1981-82	7 172	3 659	1 542	60	1 911
1982-83	6 414	3 419	1 224	51	1 720
1983-84	5 987	3 255	1 013	56	1 663
1984-85	5 961	3 178	1 030	65	1 688
1985-86	5 946	3 015	913	86	1 932

In 1985-86, 0.3 percent fewer teachers were prepared than in the previous year. This percentage was the smallest one-year rate of decline since the peak year of 1971-72.

During 1985-86, the state universities and state-related commonwealth universities combined to produce 66.1 percent of the total teachers prepared. These universities prepared a total of 3,928 teachers compared to 4,208 in 1984-85, representing a decrease of 6.7 percent over last year. On the other hand, private state-aided institutions and private colleges and universities combined to share a total of 2,018 teachers in 1985-86 compared to 1,753 in 1984-85, representing an increase of 15.1 percent.

FIGURE 3

TEACHERS PREPARED WITH INITIAL CERTIFICATION
BY INSTITUTIONAL CATEGORY, 1976-77 THROUGH 1985-86

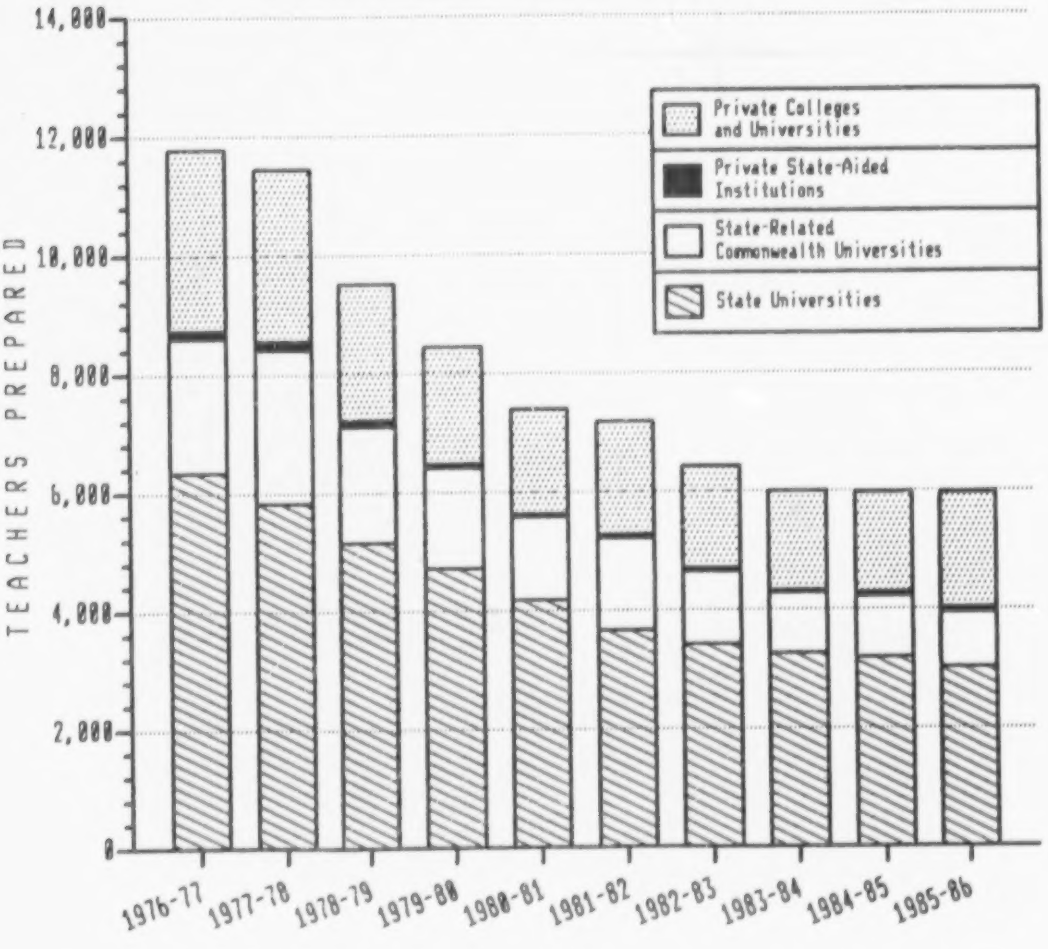


TABLE 4

ELEMENTARY, SECONDARY, COMBINED, AND SPECIAL EDUCATION TEACHERS PREPARED WITH INITIAL CERTIFICATION BY FIELD OF PREPARATION, 1976-77 THROUGH 1985-86

	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
TOTAL	11 769	11 443	9 505	8 444	7 396	7 172	6 414	5 987	5 961	5 946
ELEMENTARY	4 019	3 991	3 380	2 996	2 570	2 446	2 322	2 263	2 384	2 446
Elementary, General	4 019	3 505	2 896	2 371	2 020	1 927	1 823	1 838	1 852	2 021
Early Childhood	-	486	484	625	550	519	499	425	532	425
SECONDARY	2 617	2 701	1 904	1 602	1 476	1 385	1 189	1 270	1 372	1 530
Business Education	238	249	281	189	208	168	167	131	148	154
Communications	-	158	125	105	104	81	86	58	61	65
English	527	488	317	264	242	209	194	223	212	264
Mathematics	348	334	198	178	158	162	146	211	287	338
Physics and Mathematics	-	11	7	7	10	20	2	7	3	11
Sciences, Total	(440)	(410)	(286)	(235)	(248)	(211)	(179)	(255)	(302)	(340)
Biology	254	242	160	127	146	115	111	133	168	187
Chemistry	51	58	33	26	25	34	22	45	49	64
Earth and Space	64	53	29	30	34	32	17	34	28	27
General	50	44	50	40	30	27	26	31	38	29
Physics	21	13	14	12	13	3	3	12	19	33
Social Studies	833	695	569	489	369	370	283	284	262	294
Vocational Education	114	197	111	133	137	164	132	100	93	64
Other Secondary	117	159	10	2	-	-	-	1	4	-
COMBINED	3 200	3 016	2 705	2 379	1 977	1 761	1 569	1 360	1 290	1 146
Agriculture	28	44	22	45	35	45	27	17	17	12
Art	431	453	339	291	237	211	188	165	147	156
Foreign Languages, Total	(359)	(309)	(232)	(184)	(150)	(143)	(101)	(112)	(103)	(104)
French	112	104	69	49	44	44	34	32	34	32
German	62	42	37	26	21	20	11	8	11	18
Italian	-	11	6	5	6	4	2	2	-	-
Latin	12	7	3	7	5	7	4	3	8	9
Russian	7	7	2	3	-	-	1	2	-	-
Spanish	157	133	111	92	71	65	49	64	49	43
Other	9	5	4	2	3	3	-	1	1	2
Health	-	37	38	37	33	15	23	13	20	16
Health and Physical Education	1 177	898	894	841	697	620	597	473	412	354
Home Economics	330	245	192	149	103	95	62	39	40	26
Industrial Arts	240	241	264	236	162	135	161	147	145	109
Library Science	-	148	117	84	91	74	62	56	42	35
Music	635	641	607	512	469	423	348	335	259	272
Reading Specialist	-	-	-	-	-	-	-	3	105	62

TABLE 4

ELEMENTARY, SECONDARY, COMBINED, AND SPECIAL EDUCATION TEACHERS PREPARED WITH INITIAL CERTIFICATION BY FIELD OF PREPARATION, 1976-77 THROUGH 1985-86--Concluded

	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
SPECIAL EDUCATION 1/	1 933	1 735	1 516	1 467	1 373	1 580	1 334	1 094	915	824
Hearing Impaired	-	46	26	34	39	43	33	97	27	29
Mentally/Physically Handicapped	-	1 296	1 106	1 095	1 030	1 205	1 011	830	697	603
Speech Correction	-	346	351	303	269	297	259	148	173	156
Visually Impaired	-	47	33	35	35	35	31	19	18	36

1/ Detail not available before 1977-78.

TABLE 5

TEACHERS PREPARED WITH INITIAL CERTIFICATION BY TYPE OF PREPARATION BY INSTITUTION, 1985-86

	Total All Teachers	Elementary Teachers	Secondary Teachers	Combined Teachers	Special Education Teachers
TOTAL, ALL INSTITUTIONS (85)	5 946	2 446	1 530	1 146	824
STATE UNIVERSITIES (14)	3 015	1 206	553	668	588
Bloomsburg University	271	122	68	1	80
California University	196	102	23	46	25
Cheyney University	25	8	1	4	12
Clarion University	163	77	33	20	33
East Stroudsburg University	227	86	39	47	55
Edinboro University	248	88	66	48	46
Indiana University	300	104	67	70	59
Kutztown University	255	114	45	37	59
Lock Haven University	175	57	30	58	30
Mansfield University	113	33	24	28	28
Millersville University	334	145	37	90	62
Shippensburg University	162	82	70	9	1
Slippery Rock University	199	55	31	65	48
West Chester University	347	133	19	145	50
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	913	356	297	171	89
Lincoln University	13	3	5	5	-
The Pennsylvania State University -- Total	371	146	101	76	48
Main Campus	322	115	83	76	48
Capitol Campus	49	31	18	-	-
Temple University	304	98	97	81	28
University of Pittsburgh -- Total	225	109	94	9	13
Main Campus 1/	169	64	83	9	13
Johnstown Campus	56	45	11	-	-
PRIVATE STATE-AIDED INSTITUTIONS (5)	86	23	28	24	11
Drexel University	13	6	-	7	-
Penna College of Optometry	11	-	-	-	11
Philadelphia College of Art	10	-	-	10	-
Philadelphia College of the Performing Arts	4	-	-	4	-
University of Pennsylvania	48	17	28	3	-
PRIVATE COLLEGES AND UNIVERSITIES (62)	1 932	861	652	283	136
Albright College	16	-	13	3	-
Allegheny College	9	5	4	-	-
Allentown College of St. Francis de Sales	5	-	5	-	-
Alvernia College	9	7	2	-	-
Antioch University 1/	27	19	-	-	8
Beaver College	67	28	20	5	14
Bryn Mawr College	7	-	6	1	-
Bucknell University	38	15	21	2	-
Cabrini College	61	34	5	-	22
Carlow College	21	12	4	4	1
Cedar Crest College	22	15	7	-	-
Chatham College	21	15	4	2	-
Chestnut Hill College	44	37	4	3	-
College Misericordia	15	9	1	-	5
Combs College of Music 1/	-	-	-	2	-
Dickinson College	14	-	11	3	-
Duquesne University	173	60	49	39	25
Eastern College	17	4	3	4	6
Elizabethtown College	46	25	16	5	-
Gannon University	51	8	33	9	1
Geneva College	26	12	11	3	-
Gettysburg College	33	19	7	7	-
Grove City College	70	36	26	8	-
Gwynedd-Mercy College	75	45	19	-	11
Holy Family College	28	20	6	2	-
Immaculata College	48	23	14	11	-

TABLE 5

TEACHERS PREPARED WITH INITIAL CERTIFICATION BY TYPE OF PREPARATION BY INSTITUTION, 1985-86--Concluded

	Total All Teachers	Elementary Teachers	Secondary Teachers	Combined Teachers	Special Education Teachers
PRIVATE COLLEGES AND UNIVERSITIES--Concluded					
Juniata College	23	13	9	1	-
Kings College	18	8	9	1	-
Lafayette College	8	1	7	-	-
LaSalle College	30	-	12	4	14
Lebanon Valley College	37	14	6	17	-
Lehigh University	43	12	14	13	4
Lycoming College	18	6	11	1	-
Marywood college	73	33	7	12	21
Mercyhurst College	31	22	3	2	4
Messiah College	72	33	14	25	-
Moore College of Art	2	-	-	2	-
Moravian College	35	22	6	7	-
Muhlenberg College	6	4	2	-	-
Neumann College	3	3	-	-	-
Phila College of Bible	10	10	-	-	-
Point Park College	28	17	9	2	-
Robert Morris College	18	-	18	-	-
Rosemont College	18	15	-	3	-
Saint Francis College	31	18	12	1	-
Saint Joseph's University	49	25	19	5	-
Saint Vincent College	17	-	17	-	-
Seton Hill College	32	26	6	-	-
Susquehanna University	30	-	20	10	-
Swarthmore College	9	-	8	1	-
Thiel College	11	5	5	1	-
University of Scranton	25	-	25	-	-
Ursinus College	24	-	13	11	-
Villa Maria College	14	8	2	4	-
Villanova University	8	-	6	2	-
Washington and Jefferson College	22	-	9	13	-
Waynesburg College	11	7	4	-	-
Westminster College	67	27	19	21	-
Widener University	51	22	26	3	-
Wilkes College	30	10	12	8	-
Wilson College	3	2	1	-	-
York College of Pennsylvania	80	50	30	-	-

1/ Estimated data

TABLE 6

TEACHERS PREPARED WITH INITIAL CERTIFICATION BY TYPE OF PREPARATION AND OCCUPATIONAL PURSUIT, 1976-77 THROUGH 1985-86

	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
TOTAL	11 769	11 443	9 505	8 444	7 396	7 172	6 414	5 987	5 961	5 946
Teaching	4 537	4 483	4 021	3 598	3 003	2 606	2 447	2 395	2 530	2 695
In-State	3 352	3 319	2 951	2 595	2 160	1 904	1 744	1 670	1 788	1 912
Out-of-State	1 185	1 164	1 070	1 003	843	702	703	725	742	783
Not Teaching	4 412	3 254	2 658	2 255	2 073	1 929	1 774	1 583	1 286	1 360
Otherwise Gainfully Employed	1 641	1 365	1 079	898	870	637	691	559	468	447
Continuing Formal Study	638	497	476	484	395	441	390	305	263	290
Seeking Teaching Position	1 881	1 167	892	704	614	674	585	590	453	500
Seeking Non-Teaching Position	79	80	67	59	39	31	24	30	20	31
Other	173	145	144	110	155	146	84	99	62	92
No Information	2 820	3 706	2 826	2 591	2 320	2 637	2 193	2 009	2 145	1 891
ELEMENTARY	4 019	3 991	3 380	2 996	2 570	2 446	2 322	2 263	2 384	2 446
Teaching	1 536	1 638	1 490	1 409	1 074	977	1 015	950	1 012	1 154
In-State	1 159	1 226	1 124	1 043	788	759	750	686	737	777
Out-of-State	377	412	366	366	286	218	265	264	275	377
Not Teaching	1 561	1 169	968	805	737	721	646	594	500	523
Otherwise Gainfully Employed	509	431	355	291	246	200	236	227	168	162
Continuing Formal Study	166	153	107	131	112	109	92	72	75	65
Seeking Teaching Position	785	506	421	323	295	344	275	241	229	255
Seeking Non-Teaching Position	25	25	25	20	12	14	9	9	9	7
Other	76	54	60	40	72	54	34	45	19	34
No Information	922	1 184	922	782	759	748	661	719	872	769
SECONDARY	5 817	2 701	1 904	1 602	1 476	1 385	1 189	1 270	1 372	1 530
Teaching	2 031	1 018	806	614	533	473	433	501	591	662
In-State	1 533	794	625	476	440	378	332	373	441	526
Out-of-State	498	224	181	138	93	95	101	128	150	136
Not Teaching	2 397	724	541	463	403	350	298	311	295	354
Otherwise Gainfully Employed	989	345	243	189	209	140	125	108	130	120
Continuing Formal Study	384	124	103	97	69	78	65	58	48	52
Seeking Teaching Position	897	198	144	133	88	107	84	120	96	142
Seeking Non-Teaching Position	50	24	18	12	11	6	3	11	4	15
Other	77	33	33	32	26	19	21	14	17	25
No Information	1 389	959	557	525	540	562	458	458	486	514
COMBINED 1/	-	3 016	2 705	2 379	1 977	1 761	1 569	1 360	1 290	1 146
Teaching	-	1 047	900	812	662	533	451	439	465	452
In-State	-	761	645	581	464	365	314	287	297	331
Out-of-State	-	286	255	231	198	168	137	152	168	121
Not Teaching	-	1 054	851	716	642	517	493	438	304	282
Otherwise Gainfully Employed	-	474	397	322	310	208	224	165	126	110
Continuing Formal Study	-	148	155	159	123	112	98	79	68	74
Seeking Teaching Position	-	369	240	186	167	138	150	155	89	64
Seeking Non-Teaching Position	-	24	23	25	13	10	7	9	6	8
Other	-	39	36	24	29	49	14	30	15	26
No Information	-	915	954	851	673	711	625	483	521	412
SPECIAL EDUCATION	1 933	1 735	1 516	1 467	1 373	1 580	1 334	1 094	915	824
Teaching	970	780	825	763	734	623	548	505	462	427
In-State	660	538	557	495	468	402	348	324	313	278
Out-of-State	310	242	268	268	266	221	200	181	149	149
Not Teaching	454	307	298	271	291	341	337	240	187	201
Otherwise Gainfully Employed	143	115	84	96	105	89	106	59	44	55
Continuing Formal Study	88	72	111	97	91	142	135	96	92	99
Seeking Teaching Position	199	94	87	62	64	85	76	74	39	39
Seeking Non-Teaching Position	4	7	1	2	3	1	5	1	1	1
Other	20	19	15	14	28	24	15	10	11	7
No Information	509	648	393	433	348	616	449	349	266	196

1/ Detail not available before 1977-78. Combined teachers were included with secondary teachers prior to 1977-78.

TABLE 7

OCCUPATIONS, ON NOVEMBER 1, 1986, OF TEACHERS INITIALLY PREPARED BY FIELD OF PREPARATION, 1985-86

	TEACHING			NOT TEACHING						
	All	In-State	Out-of-State	All	Otherwise Gainfully Employed	Continuing Formal Study	Seeking Teaching Position	Seeking Non-Teaching Position	Other	No Information
TOTAL	2 695	1 912	783	1 360	447	290	500	31	92	1 891
ELEMENTARY--Total	1 154	777	377	523	162	65	255	7	34	769
Elementary, General	940	617	323	442	140	59	209	4	30	639
Early Childhood	214	160	54	81	22	6	46	3	4	130
SECONDARY--Total	662	526	136	354	120	52	142	15	25	514
Accounting	23	19	4	18	8	2	5	-	3	15
Biology	80	66	14	50	16	8	22	-	4	57
Chemistry	34	28	6	13	4	2	6	1	-	17
Communications	15	14	1	17	7	5	5	-	-	33
Data Processing	6	6	-	6	3	1	-	-	2	5
Distributive Education	2	2	-	5	-	1	2	-	2	8
Earth and Space Science	11	8	3	5	1	-	3	-	1	11
English	119	86	33	68	23	12	29	1	3	77
General Science	13	9	4	8	3	1	3	1	-	8
Marketing	1	-	1	4	4	-	-	-	-	15
Mathematics	185	148	37	56	16	9	25	4	2	97
Physics	13	13	-	3	-	1	-	-	2	17
Physics and Mathematics	8	6	2	2	-	1	1	-	-	1
Secretarial	19	17	2	10	6	-	3	-	1	9
Social Studies	110	84	26	79	24	9	35	6	5	105
Typewriting	7	6	1	-	-	-	-	-	-	1
Vocational Education	16	14	2	10	5	-	3	2	-	38
COMBINED--Total	452	331	121	282	110	74	64	8	26	412
Agriculture	4	4	-	2	2	-	-	-	-	6
Art	63	53	10	37	17	5	8	2	5	56
Foreign Languages	53	43	10	28	8	10	8	-	2	23
Health	5	3	2	7	3	2	1	1	-	4
Health and Physical Education	106	64	42	96	37	30	21	2	6	152
Home Economics	13	9	4	9	5	1	1	-	2	4
Industrial Arts	39	24	15	25	18	3	1	1	2	45
Library Science	18	13	5	4	3	1	-	-	-	13
Music	110	80	30	69	17	22	19	2	9	93
Reading Specialist	41	38	3	5	-	-	5	-	-	16
SPECIAL EDUCATION--Total	427	278	149	201	55	99	39	1	7	196
Hearing Impaired	13	6	7	4	3	-	1	-	-	12
Mentally/Physically Handicapped	358	248	110	106	36	32	31	1	6	139
Speech Correction	40	17	23	76	14	59	2	-	1	40
Visually Impaired	16	7	9	15	2	8	5	-	-	5

Note: Graduates in business education arc certified by individual subject area (accounting, data processing, distributive education, marketing, secretarial, and typewriting) with most or all people receiving multiple certificates. For this reason, these graduates have, in many cases, been arbitrarily placed in a particular subject area by the reporting institutions.

GLOSSARY

COMBINED--Includes persons prepared for assignment at any grade level (K-12). Does not include those prepared for teaching in special education classes or those prepared for elementary (K-6) or secondary (7-12) certificates.

ELEMENTARY--Includes persons prepared for the regular elementary certificate (K-6) or the early childhood certificate (N-3). Does not include those prepared for teaching in special education classes or those prepared for combined (K-12) certificates.

INSTRUCTIONAL I--The initial teaching certificate awarded to those who are qualified to enter the teaching profession. The certificate expires after the completion of six years of teaching experience.

SECONDARY--Includes persons prepared for assignments in junior and/or senior high school (7-12). Does not include those prepared for teaching in special education classes or those prepared for combined (K-12) certificates.

SPECIAL EDUCATION--Includes persons prepared with the minimum certification requirements (or professional requirements) for entering assignments to teach the mentally deficient, deaf or hard of hearing, visually handicapped, speech handicapped, orthopedically handicapped, gifted and talented, emotionally disturbed, educationally disadvantaged, severely underachieving, and other pupils with characteristics which require special training competencies.

VOCATIONAL EDUCATION--Includes persons who are certified to teach in areas of trade and industrial (occupational) education. Does not include industrial arts teachers (certificate code 6000).

Degrees and Other Formal Awards Conferred 1985~86

EDUCATION
pde
TODAY

Pennsylvania Department of Education 1987

Degrees and Other Formal Awards Conferred 1985~86

Commonwealth of Pennsylvania
Robert P. Casey, Governor

Department of Education
Thomas K. Gilhool, Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

Division of Data Services
Roger G. Hummel, Chief
Compiled by: Donald D. Deitz, Educational Statistics Associate

July, 1987

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

The Pennsylvania Department of Education will not discriminate in its educational programs, activities, or employment practices, based on race, color, national origin, sex, age, religion, ancestry, handicap, union membership, or any other legally protected classification. Announcement of this policy is in accordance with state and federal laws, including Title IX of the Education Amendments of 1972, and Sections 503 and 504 of the Rehabilitation Act of 1973.

Employees and participants who have an inquiry or complaint of harassment or discrimination, or who need information about accommodations for handicapped persons, should contact Susan Mitchell, Affirmative Action Officer, Pennsylvania Department of Education, 333 Market Street, Harrisburg, PA 17126-0333 (717-787-1953).

HIGHLIGHTS

The 1985-86 data on degrees and other formal awards conferred indicate that:

* 97,299 associate and higher degrees were granted. By level of award, there were 21,557 associate, 56,781 bachelor's, 3,790 first-professional, 13,364 master's, and 1,807 doctor's degrees.

* 50.2 percent of all reported degrees were granted to women.

* 24.4 percent of all bachelor's degrees were conferred in business and management which is up from 17.1 percent in 1976-77.

* the number of associate degrees increased by 5,471 (up 34.0 percent) since 1976-77.

TABLE OF CONTENTS

Page

INTRODUCTION 1

APPENDIX A GLOSSARY 20

APPENDIX B NONRESPONDING INSTITUTIONS 21

TABLES

Table Page

1. Associate and Higher Degrees Conferred by Level of Program, 1976-77 Through 1985-86 2

2. Bachelor's Degrees Conferred in Selected Major Fields of Study, 1976-77 Through 1985-86. 4

3. Associate and Higher Degrees Conferred by Institutional Category and Level of Program, 1976-77 Through 1985-86 6

4. Associate and Higher Degrees Conferred by Level of Program and Sex by Field of Study, 1985-86. 8

5. Degrees and Other Formal Awards Conferred by Institution by Level of Program, 1985-86 16

FIGURES

Figure Page

1. Degrees Conferred by Level of Program, 1976-77. 3

2. Degrees Conferred by Level of Program, 1985-86. 3

3. Bachelor's Degrees Conferred in Selected Major Fields of Study, 1976-77 Through 1985-86. 5

INTRODUCTION

"Degrees and Other Formal Awards Conferred, 1985-86" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (telephone 717-787-2644).

Sources: Degrees and Other Formal Awards Conferred Between July 1, 1985 and June 30, 1986 (ED G50-14P-C)

ASB and AST Degrees Conferred, 1985-86 (PDE-4039)

TABLE 1

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM, 1976-77 THROUGH 1985-86

	Total Degrees	Associate Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
1976-77	89 265	16 086	53 835	3 524	14 189	1 631
1977-78	90 613	17 690	53 697	3 640	13 935	1 651
1978-79	90 868	17 317	54 338	3 779	13 775	1 659
1979-80	90 905	17 107	55 121	3 762	13 246	1 669
1980-81	91 352	17 949	54 589	3 791	13 356	1 667
1981-82	93 955	19 250	55 600	3 674	13 619	1 812
1982-83	96 976	20 831	57 231	3 740	13 411	1 763
1983-84	96 801	21 417	56 541	3 812	13 173	1 858
1984-85	97 744	21 784	57 014	3 717	13 378	1 851
1985-86 1/	97 299	21 557	56 781	3 790	13 364	1 807

1/ Includes estimates for nonresponding institutions.

After an increase in degrees conferred in 1984-85, the number conferred in 1985-86 showed a slight decrease; however, the 1985-86 total exceeds each year from 1976-77 to 1983-84. Overall, there has been an 9.0 percent increase in total degrees conferred since 1976-77. The greatest percentage of the total can be found at the associate and bachelor's levels. The growth at these levels since 1976-77 has been 5,471 associate degrees (an increase of 34.0 percent) and 2,946 bachelor's degrees (an increase of 5.5 percent). Over the 1976-77 to 1985-86 period, only master's degrees showed a decrease (down 5.8 percent).

FIGURE 1
DEGREES CONFERRED BY LEVEL OF PROGRAM, 1976-77

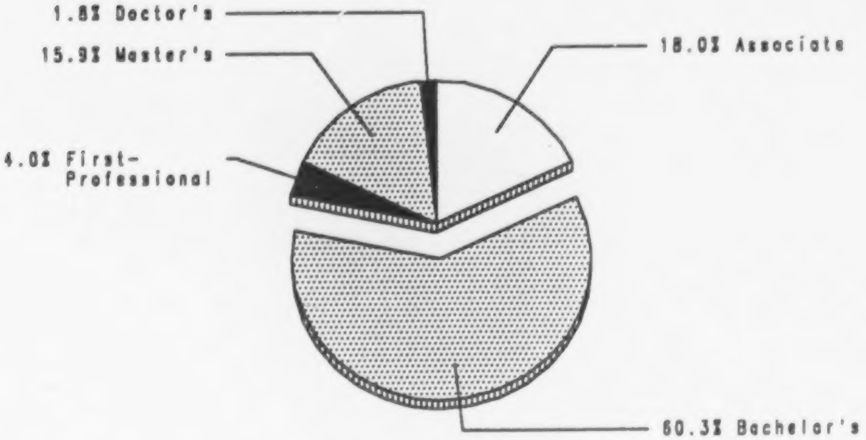


FIGURE 2
DEGREES CONFERRED BY LEVEL OF PROGRAM, 1985-86

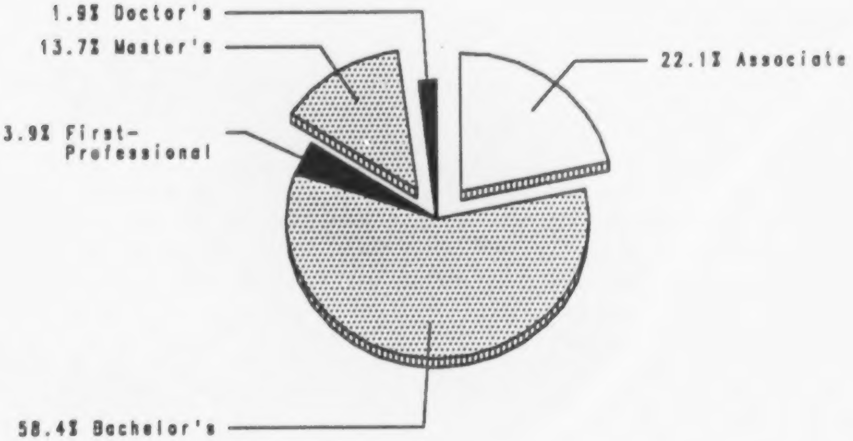


TABLE 2

BACHELOR'S DEGREES CONFERRED IN SELECTED MAJOR FIELDS OF STUDY, 1976-77 THROUGH 1985-86

	Business and Management	Computer and Information Sciences	Education	Engineering	Health Professions	Social Sciences
1976-77	9 222	307	9 431	3 001	3 176	7 125
1977-78	9 735	371	8 548	3 415	3 196	6 759
1978-79	10 753	513	7 732	4 063	3 476	6 508
1979-80	11 466	698	6 927	4 376	3 602	6 312
1980-81	11 779	1 007	5 989	4 748	3 822	5 905
1981-82	12 678	1 489	5 543	4 986	3 923	6 007
1982-83	13 843	1 865	5 302	5 633 1/	4 204 2/	5 522
1983-84	13 567	2 495	4 816	5 679 1/	4 298 2/	5 158
1984-85	13 697	2 963	4 657	5 861 1/	4 440 2/	5 047
1985-86	13 846	2 941	4 649	5 691 1/	4 597 2/	5 034

1/ Includes the major fields of "engineering" and "engineering and engineering-related technologies."

2/ Includes the major fields of "allied health" and "health sciences."

The field of study structure was completely revised and became effective with the 1982-83 data. Therefore, exact comparisons with data prior to 1982-83 are not possible but certain major fields match closely.

The number of bachelor's degrees in certain major areas has changed substantially since 1976-77. In 1976-77, 17.1 percent of all bachelor's degrees were awarded in business and management. By 1985-86 that percentage had risen to 24.4. Similar comparisons show increases for computer and information sciences from 0.6 percent to 5.2 percent; for engineering from 5.6 percent to 10.0 percent; and for health professions from 5.9 percent to 8.1 percent.

Conversely, bachelor's degrees in education and the social sciences have fallen. Whereas education comprised 17.5 percent of all bachelor's degrees in 1976-77, it now accounts for only 8.2 percent. Likewise, social sciences fell from 13.2 percent to 8.9 percent of all bachelor's degrees.

FIGURE 3
BACHELOR'S DEGREES CONFERRED IN SELECTED MAJOR FIELDS OF STUDY, 1976-77 THROUGH 1985-86

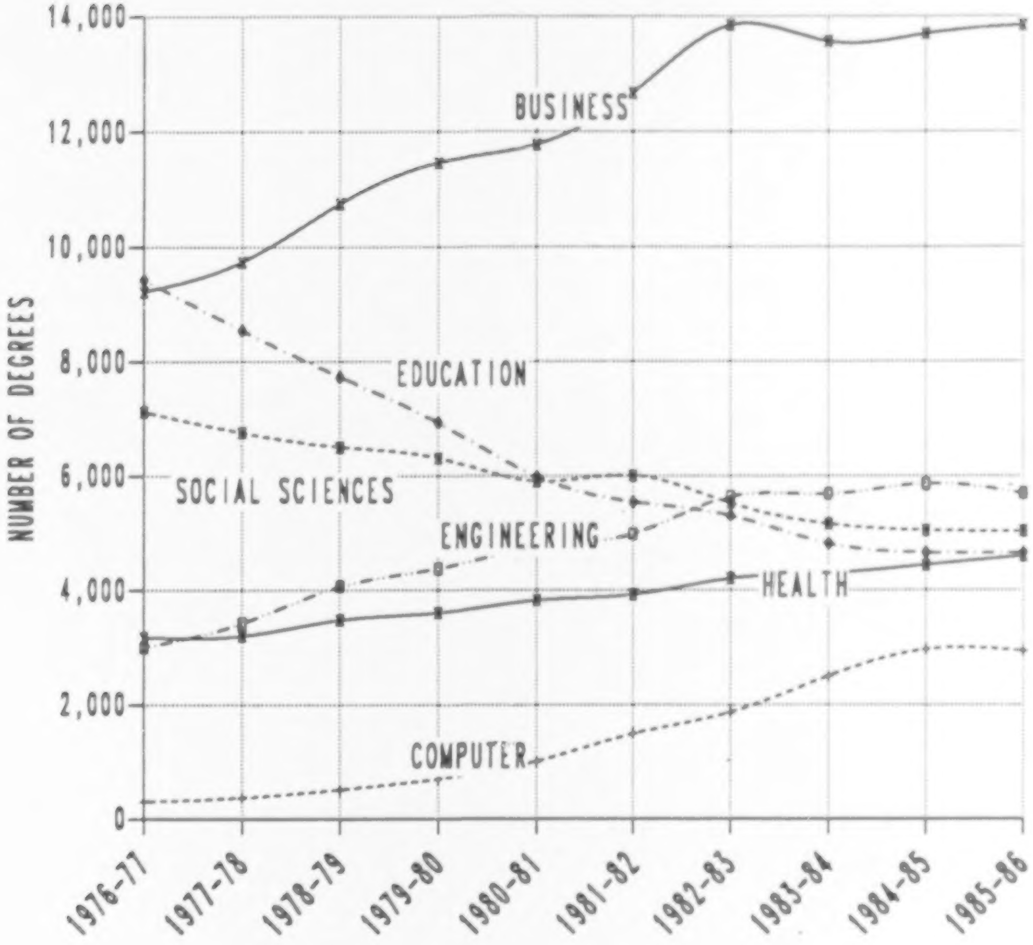


TABLE 3

ASSOCIATE AND HIGHER DEGREES CONFERRED BY INSTITUTIONAL CATEGORY
AND LEVEL OF PROGRAM, 1976-77 THROUGH 1985-86

	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
TOTAL, ALL INSTITUTIONS	89 285	90 613	90 868	90 905	91 382	93 955	96 976	96 801	97 744	97 299 1/
Associate Degrees	16 086	17 690	17 317	17 107	17 949	19 250	20 831	21 417	21 784	21 557 1/
Bachelor's Degrees	53 855	53 697	54 338	55 121	54 589	55 600	57 231	56 541	57 014	56 781 1/
First-Professional Degrees	3 524	3 640	3 779	3 762	3 791	3 674	3 740	3 812	3 717	3 790
Master's Degrees	14 189	13 935	13 775	13 246	13 386	13 619	13 411	13 173	13 378	13 364 1/
Doctor's Degrees	1 631	1 651	1 659	1 669	1 667	1 812	1 763	1 858	1 851	1 807 1/
STATE UNIVERSITIES	16 285	15 549	15 342	15 158	14 502	14 494	14 370	14 585	14 292	14 831
Associate Degrees	105	113	131	120	136	164	241	310	268	272
Bachelor's Degrees	13 016	12 705	12 572	12 651	12 020	12 017	12 088	12 340	12 147	12 550
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	3 162	2 730	2 634	2 369	2 325	2 296	2 024	1 919	1 864	1 997
Doctor's Degrees	2	1	5	18	21	17	17	16	13	12
STATE-RELATED COMMONWEALTH UNIVERSITIES	23 926	24 410	24 445	23 812	23 662	24 224	25 272	23 311	23 291	23 223
Associate Degrees	1 701	1 804	1 800	1 674	1 844	2 132	2 335	2 132	1 743	1 585
Bachelor's Degrees	15 270	15 394	15 463	15 290	14 758	15 017	15 911	14 561	14 981	15 155
First-Professional Degrees	1 148	1 196	1 240	1 183	1 214	1 157	1 235	1 176	1 204	1 204
Master's Degrees	4 815	4 997	4 962	4 646	4 855	4 851	4 744	4 439	4 321	4 248
Doctor's Degrees	992	1 019	980	1 019	991	1 067	1 047	1 003	1 042	1 031
COMMUNITY COLLEGES	8 189	8 568	7 962	7 905	7 891	8 163	8 463	8 867	9 196	8 879
Associate Degrees	8 189	8 568	7 962	7 905	7 891	8 163	8 463	8 867	9 196	8 879
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-
PRIVATE STATE-AIDED INSTITUTIONS	8 552	8 965	8 957	9 229	9 424	9 812	10 024	10 347	10 153	10 172
Associate Degrees	279	339	293	262	278	277	241	267	269	240
Bachelor's Degrees	4 166	4 343	4 436	4 677	4 830	5 060	5 277	5 357	5 274	5 246
First-Professional Degrees	1 510	1 534	1 577	1 602	1 612	1 573	1 585	1 641	1 558	1 593
Master's Degrees	2 216	2 365	2 257	2 310	2 315	2 430	2 508	2 593	2 614	2 689
Doctor's Degrees	381	384	394	378	389	472	413	489	438	404
PRIVATE COLLEGES AND UNIVERSITIES	27 209	27 039	27 727	28 219	28 679	29 526	30 175	30 785	31 400	30 378 1/
Associate Degrees	1 204	1 307	1 275	1 137	1 157	1 308	1 425	1 491	1 469	1 365
Bachelor's Degrees	21 368	21 225	21 842	22 491	22 963	23 490	23 939	24 268	24 590	23 811 1/
First-Professional Degrees	544	575	598	619	667	629	620	692	642	667
Master's Degrees	3 881	3 726	3 788	3 764	3 670	3 890	3 972	4 082	4 434	4 275 1/
Doctor's Degrees	212	206	224	208	222	209	219	252	265	260 1/
THEOLOGICAL SEMINARIES	496	523	579	573	571	530	546	556	573	600
Associate Degrees	-	-	-	-	-	-	-	-	-	-
Bachelor's Degrees	15	30	25	12	18	16	16	15	22	19
First-Professional Degrees	322	335	364	358	318	315	300	303	313	326
Master's Degrees	115	117	134	157	191	152	163	140	145	155
Doctor's Degrees	44	41	56	46	44	47	67	98	93	100

TABLE 3

ASSOCIATE AND HIGHER DEGREES CONFERRED BY INSTITUTIONAL CATEGORY
AND LEVEL OF PROGRAM, 1976-77 THROUGH 1985-86--Concluded

	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
PRIVATE JUNIOR COLLEGES	1 438	1 686	1 614	1 573	1 571	1 482	1 617	1 575	1 534	1 538
Associate Degrees	1 438	1 686	1 614	1 573	1 571	1 482	1 617	1 575	1 534	1 538
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS 2/	3 139	3 839	4 209	4 374	4 994	5 656	6 424	6 671	7 207	7 571 1/
Associate Degrees	3 139	3 839	4 209	4 374	4 994	5 656	6 424	6 671	7 207	7 571 1/
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-
STATE SCHOOL OF TECHNOLOGY 2/	31	34	33	62	78	68	85	104	100	107
Associate Degrees	31	34	33	62	78	68	85	104	100	107
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-

1/ Includes estimates for nonresponding institutions.
2/ Includes degrees conferred in associate in specialized business (ASB) and associate in specialized technology (AST) programs only.

TABLE 4

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY FIELD OF STUDY, 1985-86

	Associate Degrees		Bachelor's Degrees		First Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
TOTAL DEGREES, ALL FIELDS 1/	9 580	11 367	27 981	28 795	2 505	1 285	6 928	6 426	1 157	640
AGRIBUSINESS AND AGRICULTURAL PRODUCTION--Total	48	43	64	18	-	-	6	3	3	-
Agricultural business	11	1	40	15	-	-	-	-	-	-
Agricultural economics	-	-	8	2	-	-	6	3	3	-
Agricultural mechanics, general	-	-	16	-	-	-	-	-	-	-
Animal training	-	-	-	1	-	-	-	-	-	
Horticulture, general	8	23	-	-	-	-	-	-	-	-
Ornamental horticulture	2	7	-	-	-	-	-	-	-	-
Landscaping	9	6	-	-	-	-	-	-	-	-
Nursery operation and management	9	3	-	-	-	-	-	-	-	-
Agribusiness and agricultural production, other	9	3	-	-	-	-	-	-	-	-
AGRICULTURAL SCIENCES--Total	1	12	214	149	-	-	20	15	8	1
Agricultural sciences, general	-	-	26	7	-	-	-	-	-	-
Animal sciences, general	1	2	39	48	-	-	4	2	-	-
Animal nutrition	-	-	-	-	-	-	2	2	1	-
Dairy	-	-	16	8	-	-	1	1	1	-
Poultry	-	-	4	-	-	-	1	-	-	-
Equestrian studies	-	10	-	-	-	-	-	-	-	-
Animal sciences, other	-	-	9	30	-	-	-	-	-	-
Food sciences	-	-	21	14	-	-	4	2	-	-
Plant sciences, general	-	-	5	3	-	-	-	-	-	-
Agronomy	-	-	29	5	-	-	5	4	5	-
Horticulture science	-	-	34	19	-	-	3	4	1	1
Ornamental horticulture	-	-	31	15	-	-	-	-	-	-
RENEWABLE NATURAL RESOURCES--Total	60	14	101	23	-	-	8	2	2	-
Renewable natural resources, general	-	-	31	10	-	-	6	2	2	-
Resources protection and regulation	-	-	8	7	-	-	-	-	-	-
Fishing and fisheries	10	1	-	-	-	-	-	-	-	-
Forestry production and processing, general	11	-	-	-	-	-	-	-	-	-
Forest products processing technology	18	3	7	-	-	-	-	-	-	-
Forestry science	-	-	33	-	-	-	-	-	-	-
Forestry and related sciences, other	-	-	1	1	-	-	-	-	-	-
Wildlife management	21	10	21	5	-	-	2	-	-	-
ARCHITECTURE AND ENVIRONMENTAL DESIGN--Total	28	84	138	142	-	-	122	59	9	3
Architecture and environmental design, general	-	-	15	3	-	-	-	-	-	-
Architecture	2	1	74	32	-	-	82	31	3	1
City, community, and regional planning	-	-	8	4	-	-	25	13	6	2
Environmental design	-	-	8	11	-	-	-	-	-	-
Interior design	26	83	7	70	-	-	-	-	-	-
Landscape architecture	-	-	26	22	-	-	11	14	-	-
Urban design	-	-	-	-	-	-	4	1	-	-
AREA AND ETHNIC STUDIES--Total	-	-	53	90	-	-	10	18	8	5
American studies	-	-	25	42	-	-	3	12	2	1
East asian studies	-	-	7	11	-	-	6	1	4	4
Latin american studies	-	-	2	3	-	-	-	-	-	-
Middle eastern studies	-	-	1	-	-	-	-	-	-	-
Russian and slavic studies	-	-	4	6	-	-	-	-	-	-
South asian studies	-	-	-	2	-	-	-	2	-	-
Japanese studies	-	-	-	3	-	-	-	-	-	-
International studies	-	-	7	9	-	-	-	-	-	-
Area studies, other	-	-	-	6	-	-	-	-	-	-
Hispanic-American studies	-	-	-	-	-	-	-	3	-	-
Jewish studies	-	-	-	2	-	-	-	-	1	-
Area and ethnic studies, other	-	-	7	6	-	-	1	-	1	-
BUSINESS AND MANAGEMENT--Total	1 304	1 757	7 967	5 879	-	-	2 554	1 045	55	7
Business and management, general	241	345	840	517	-	-	161	67	-	-
Accounting	54	123	1 919	1 609	-	-	53	20	2	-
Pre-accounting	1	4	-	-	-	-	-	-	-	-
Banking and finance	6	8	1 009	475	-	-	588	221	17	3
Business administration and management, general	802	1 037	1 954	1 451	-	-	1 198	538	21	1
Contract management and procurement/purchasing	-	-	21	57	-	-	-	-	-	-
Product management	4	-	17	8	-	-	8	3	-	-
Systems efficiency analysis	-	-	-	-	-	-	2	-	-	-
Management science (technical)	-	-	10	5	-	-	-	-	-	-
Business administration and management, other	12	34	26	11	-	-	142	9	-	-
Business economics	1	-	141	63	-	-	27	10	2	-
Human resources development	-	1	18	16	-	-	14	25	-	-
Hotel/motel management	43	42	55	41	-	-	-	-	-	-
Restaurant management	10	8	-	-	-	-	-	-	-	-
Transportation management	4	3	77	34	-	-	1	-	-	-
Hotel restaurant and management, other	5	4	78	80						
Institutional management, other	1	1	-	-	-	-	-	-	-	-
Insurance and risk management	-	-	12	9	-	-	9	4	2	1
International business management	-	-	28	42	-	-	31	14	1	-
Labor/industrial relations	1	3	37	61	-	-	42	30	2	-
Management information systems	9	14	150	117	-	-	11	-	-	-
Business statistics	-	-	3	1	-	-	4	1	6	1
Operations research (quantitative methods)	-	-	76	59	-	-	25	6	-	-
Management science, other	-	-	116	43	-	-	4	2	-	-
Marketing management	22	32	1 140	989	-	-	85	51	1	1
Marketing management and research, other	1	2	55	63	-	-	-	-	-	-

TABLE 4

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX BY FIELD OF STUDY, 1984-85--Continued

	Associate Degrees		Bachelor's Degrees		First Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
BUSINESS AND MANAGEMENT--Concluded										
Organizational behavior	-	-	3	3	-	-	1	-	1	-
Personnel management	-	2	96	70	-	-	8	6	-	-
Real estate	12	9	26	10	-	-	6	4	-	-
Real estate, other	-	-	-	-	-	-	1	-	-	-
Small business management and ownership	1	-	2	1	-	-	-	-	-	-
Taxation	-	-	-	-	-	-	133	34	-	-
Trade and industrial supervision and management	6	2	9	-	-	-	-	-	-	-
Hotel and restaurant management	15	11	-	-	-	-	-	-	-	-
Business management technology	15	16	-	-	-	-	-	-	-	-
Business and management, other	38	56	49	44	-	-	-	-	-	-
BUSINESS AND OFFICE--Total	776	3 067	50	141	-	-	-	-	-	-
Accounting, bookkeeping, & related programs, general	249	513	-	-	-	-	-	-	-	-
Banking and related financial programs, general	4	25	-	-	-	-	-	-	-	-
Business data processing & related programs, general	239	238	16	15	-	-	-	-	-	-
Business computer and console operation	33	45	-	-	-	-	-	-	-	-
Business data programming	132	128	-	-	-	-	-	-	-	-
Business systems analysis	-	-	9	3	-	-	-	-	-	-
Business data processing and related programs, other	16	24	-	-	-	-	-	-	-	-
Office supervision and management	24	23	25	72	-	-	-	-	-	-
Personnel and training	-	10	-	-	-	-	-	-	-	-
Secretarial and related programs, general	9	715	-	49	-	-	-	-	-	-
Court reporting	3	18	-	-	-	-	-	-	-	-
Executive secretarial	1	367	-	-	-	-	-	-	-	-
Legal secretarial	-	156	-	-	-	-	-	-	-	-
Medical secretarial	-	397	-	-	-	-	-	-	-	-
Secretarial	1	48	-	2	-	-	-	-	-	-
Secretarial and related programs, other	8	17	-	-	-	-	-	-	-	-
Typing, general office, & related programs, general	-	15	-	-	-	-	-	-	-	-
Receptionist and communication systems operation	5	19	-	-	-	-	-	-	-	-
Typing, general office, & related programs, other	-	8	-	-	-	-	-	-	-	-
Word processing	1	155	-	-	-	-	-	-	-	-
Business (administrative support), other	51	146	-	-	-	-	-	-	-	-
MARKETING AND DISTRIBUTION--Total	115	549	51	179	-	-	4	3	-	-
Apparel and accessories marketing, general	-	13	4	7	-	-	-	-	-	-
Fashion merchandising	67	357	1	126	-	-	-	-	-	-
Business and personal services marketing, other	-	-	1	-	-	-	-	-	-	-
Entrepreneurship	-	-	22	4	-	-	4	3	-	-
Purchasing	3	1	-	-	-	-	-	-	-	-
Retailing	27	104	-	14	-	-	-	-	-	-
General marketing, other	7	12	23	28	-	-	-	-	-	-
Office products and equipment marketing	2	5	-	-	-	-	-	-	-	-
Hospitality and recreation marketing, general	6	1	-	-	-	-	-	-	-	-
Transportation and travel marketing, general	2	32	-	-	-	-	-	-	-	-
Tourism	1	24	-	-	-	-	-	-	-	-
COMMUNICATIONS--Total	236	207	913	1 238	-	-	53	67	4	4
Communications, general	8	37	378	611	-	-	38	45	4	4
Advertising	3	5	10	42	-	-	-	-	-	-
Journalism (mass communications)	14	18	196	317	-	-	9	15	-	-
Public relations	-	6	5	10	-	-	-	-	-	-
Radio/television, general	3	4	310	245	-	-	6	7	-	-
Communications, other	208	137	14	13	-	-	-	-	-	-
COMMUNICATION TECHNOLOGIES--Total	86	51	28	24	-	-	-	-	-	-
Motion picture technology	4	3	-	-	-	-	-	-	-	-
Photographic technology	43	22	1	2	-	-	-	-	-	-
Radio & television production & broadcasting technology	29	17	27	19	-	-	-	-	-	-
Communication technologies, other	10	9	-	3	-	-	-	-	-	-
COMPUTER AND INFORMATION SCIENCES--Total	316	233	1 878	1 063	-	-	321	214	19	7
Computer and information sciences, general	213	159	1 548	798	-	-	181	71	16	7
Computer programming	38	29	-	-	-	-	-	-	-	-
Data processing	19	17	-	-	-	-	-	-	-	-
Information sciences and systems	45	28	214	183	-	-	124	137	3	-
Systems Analysis	1	-	-	-	-	-	-	-	-	-
Computer and information sciences, other	-	-	116	82	-	-	16	6	-	-
CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES--Total	12	53	-	-	-	-	-	-	-	-
Funeral services	10	7	-	-	-	-	-	-	-	-
Pre-mortuary science	1	-	-	-	-	-	-	-	-	-
Cosmetology	-	44	-	-	-	-	-	-	-	-
Recreational leadership and physical education	1	2	-	-	-	-	-	-	-	-
EDUCATION--Total	63	220	985	3 664	-	-	792	1 992	220	292
Education, general	44	68	4	9	-	-	53	153	7	18
Curriculum and instruction	-	-	-	-	-	-	15	50	13	31
Education administration, general	-	-	-	-	-	-	72	63	38	33
Education supervision	-	-	-	-	-	-	3	4	-	-
Elementary & secondary education administration	-	-	-	-	-	-	11	23	-	-
Higher education administration	-	-	-	-	-	-	3	6	14	25
Educational media	-	-	-	-	-	-	18	20	5	4
Educational statistics and research	-	-	-	1	-	-	5	3	-	1
Educational testing, evaluation and measurement	-	-	-	-	-	-	-	2	1	-
Higher education research	-	-	-	-	-	-	2	3	6	4
International and comparative education	-	-	-	-	-	-	1	-	3	3
School psychology	-	-	-	-	-	-	42	103	19	44
Social foundations	-	-	-	-	-	-	1	3	3	3

TABLE 4

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX BY FIELD OF STUDY, 1985-86--Continued

	Associate Degrees		Bachelor's Degrees		First Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
EDUCATION--Concluded										
Special education, general	-	-	55	513	-	-	44	202	7	12
Education of the culturally disadvantaged	-	-	-	-	-	-	6	19	-	-
Education of the deaf and hearing impaired	-	-	-	7	-	-	-	-	-	-
Education of the gifted and talented	-	-	-	-	-	-	1	2	-	-
Education of the mentally handicapped	-	-	-	-	-	-	1	1	-	-
Education of the multiple handicapped	-	-	-	-	-	-	2	2	-	-
Education of the physically handicapped	-	-	1	10	-	-	-	-	-	-
Education of the visually handicapped	-	-	-	-	-	-	-	7	-	-
Specific learning disabilities	-	-	-	-	-	-	1	3	-	-
Speech correction	-	-	4	120	-	-	-	49	-	-
Communication disorders	-	-	1	47	-	-	5	31	2	1
Rehabilitation	-	-	12	50	-	-	-	-	-	-
Special education, other	-	-	-	-	-	-	1	16	-	-
Student counseling and personal services	-	-	-	-	-	-	164	322	16	22
Elementary school	-	-	-	-	-	-	9	18	-	-
Adult and continuing education	-	-	-	-	-	-	3	14	2	-
Elementary education	5	21	168	1 624	-	-	83	191	16	19
Pre-elementary education	2	97	7	229	-	-	3	28	-	-
Secondary education	9	17	31	49	-	-	27	32	6	6
Early childhood education	-	3	-	93	-	-	2	13	-	-
Teacher education, general programs, other	1	7	-	2	-	-	5	25	-	-
Agricultural education	-	-	7	2	-	-	6	4	3	-
Art education	-	-	15	75	-	-	10	18	1	3
Business education	1	2	21	94	-	-	2	26	1	-
English education	-	-	2	17	-	-	20	27	2	5
Foreign languages education	-	-	-	3	-	-	-	4	-	-
Health education	-	-	23	56	-	-	12	76	2	8
Home economics education	-	-	-	32	-	-	-	8	-	4
Industrial arts education	-	-	103	5	-	-	19	-	-	-
Marketing and distributive education	-	-	12	35	-	-	1	3	2	1
Mathematics education	-	-	18	24	-	-	10	28	2	1
Music education	-	1	112	161	-	-	17	29	2	1
Nutritional education	-	-	-	-	-	-	-	1	-	-
Physical education	1	4	257	305	-	-	77	78	12	7
Reading education	-	-	-	-	-	-	21	225	6	12
Science education	-	-	9	13	-	-	8	19	2	-
Social science education	-	-	15	10	-	-	-	-	-	-
Social studies education	-	-	70	22	-	-	8	6	-	-
Technical education	-	-	-	-	-	-	8	13	5	2
Trade and industrial education	-	-	14	4	-	-	12	-	15	12
Nursing education	-	-	9	28	-	-	-	-	-	-
Physics/math	-	-	2	1	-	-	-	-	-	-
Dental hygiene	-	-	-	5	-	-	-	-	-	-
Environmental education	-	-	-	-	-	-	3	-	-	-
Health, physical and recreation education	-	-	2	6	-	-	-	-	-	-
Physical education and sport	-	-	10	11	-	-	-	-	-	-
Extension education	-	-	-	-	-	-	2	3	-	-
Communication education	-	-	1	1	-	-	-	-	-	-
Teacher education, specific subject areas, other	-	-	-	-	-	-	-	-	7	10
Teaching English as a second language/foreign language	-	-	-	-	-	-	1	6	-	-
Education, other	-	-	-	-	-	-	2	10	-	-
ENGINEERING--Total	91	14	4 206	799	-	-	884	150	101	17
Engineering, general	51	14	109	35	-	-	4	-	-	-
Aerospace, aeronautical & astronautical engineering	-	-	120	11	-	-	16	1	1	-
Agricultural engineering	-	-	23	3	-	-	4	-	1	-
Architectural engineering	-	-	119	24	-	-	5	-	-	-
Bioengineering and biomedical engineering	-	-	26	8	-	-	20	10	7	-
Ceramic engineering	-	-	16	9	-	-	8	2	4	-
Chemical engineering	-	-	417	143	-	-	86	29	45	7
Civil engineering	-	-	361	60	-	-	135	16	11	-
Computer engineering	30	-	72	25	-	-	1	1	-	-
Electrical, electronics, & communications engineering	6	-	1 395	203	-	-	186	29	33	-
Engineering mechanics	-	-	-	-	-	-	13	1	2	-
Engineering physics	4	-	15	2	-	-	-	-	-	-
Engineering science	-	-	36	5	-	-	30	11	-	-
Environmental health engineering	-	-	12	2	-	-	10	-	-	-
Industrial engineering	-	-	231	112	-	-	68	16	3	-
Materials engineering	-	-	29	8	-	-	17	5	11	3
Mechanical engineering	-	-	980	103	-	-	126	7	28	1
Metallurigical engineering	-	-	85	16	-	-	38	4	22	5
Mining and mineral engineering	-	-	34	1	-	-	14	6	3	1
Nuclear engineering	-	-	33	6	-	-	14	-	4	-
Petroleum engineering	-	-	68	13	-	-	10	2	-	-
Systems engineering	-	-	11	7	-	-	15	7	2	-
Textile engineering	-	-	8	3	-	-	-	-	-	-
Engineering and public	-	-	-	-	-	-	-	-	3	-
Engineering, other	-	-	6	-	-	-	64	3	1	-
ENGINEERING & ENGINEERING-RELATED TECHNOLOGIES--Total	3 179	161	621	65	-	-	14	8	7	1
Architectural design & construction technology	56	14	17	2	-	-	-	-	-	-
Civil technology	35	2	66	6	-	-	-	-	-	-
Drafting and design technology	80	12	-	-	-	-	-	-	-	-
Surveying and mapping technology	17	-	-	-	-	-	-	-	-	-
Computer technology	20	2	3	-	-	-	-	-	-	-
Electrical technology	185	10	113	4	-	-	-	-	-	-
Electronic technology	1 653	57	62	5	-	-	-	-	-	-
Electric and electronic technologies, other	35	5	67	3	-	-	-	-	-	-
Biomedical equipment technology	103	7	1	-	-	-	-	-	-	-
Computer servicing technology	18	2	-	-	-	-	-	-	-	-
Electromechanical technology	39	2	-	-	-	-	-	-	-	-
Instrumentation technology	10	2	-	-	-	-	-	-	-	-

TABLE 4

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY FIELD OF STUDY, 1984-85--Continued

	Associate Degrees		Bachelor's Degrees		First Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
ENGINEERING & ENGINEERING-RELATED TECHNOLOGIES--Concluded										
Energy conservation and use technology	1	-	8	2	-	-	-	-	-	-
Solar heating and cooling technology	7	-	-	-	-	-	-	-	-	-
Water and wastewater technology	1	-	7	2	-	-	2	4	-	-
Environmental control technologies, other	-	-	-	-	-	-	9	2	-	-
Energy and environmental	-	-	14	-	-	-	-	-	-	-
Chemical manufacturing technology	8	1	-	-	-	-	-	-	-	-
Industrial technology	19	8	17	2	-	-	-	-	-	-
Manufacturing technology	22	2	22	1	-	-	-	-	-	-
Safety technology	1	1	-	-	-	-	-	-	-	-
Textile technology	-	-	6	6	-	-	-	-	-	-
Welding technology	17	1	-	-	-	-	-	-	-	-
Industrial production technologies, other	2	-	-	-	-	-	-	-	-	-
Occupational safety and health technology	-	-	43	14	-	-	-	-	-	-
Quality control technology	10	-	-	-	-	-	-	-	-	-
Aeronautical technology	197	2	-	-	-	-	-	-	-	-
Agricultural equipment	4	-	-	-	-	-	-	-	-	-
Automotive technology	299	7	-	-	-	-	-	-	-	-
Mechanical design technology	244	14	169	17	-	-	-	-	-	-
Telecommunications	24	6	-	-	-	-	-	-	-	-
Mechanical technology	6	-	-	-	-	-	-	-	-	-
Mechanical and related technologies, other	-	-	1	-	-	-	-	-	-	-
Petroleum technology	11	-	2	-	-	-	-	-	-	-
Fuel science	-	-	3	1	-	-	1	1	7	1
Construction technology	18	-	-	-	-	-	-	-	-	-
Engineering & engineering-related technologies, other	37	4	-	-	-	-	2	1	-	-
FOREIGN LANGUAGES--Total	1	2	140	485	-	-	20	62	10	17
Foreign languages, multiple emphasis	1	2	4	15	-	-	2	13	5	3
Japanese	-	-	1	5	-	-	-	-	-	-
Russian	-	-	19	40	-	-	2	3	-	-
Slavic languages (other than Russian)	-	-	2	-	-	-	2	-	1	2
German	-	-	30	75	-	-	3	17	1	2
Greek (classical)	-	-	3	3	-	-	-	-	-	-
French	-	-	28	171	-	-	3	11	1	6
Italian	-	-	4	6	-	-	-	1	-	-
Latin	-	-	6	10	-	-	1	1	1	-
Spanish	-	-	39	155	-	-	7	14	1	4
Foreign languages, other	-	-	4	5	-	-	-	2	-	-
ALLIED HEALTH--Total	267	1 297	183	779	-	-	40	125	-	-
Dental assisting	-	24	-	-	-	-	-	-	-	-
Dental hygiene	-	102	1	33	-	-	-	-	-	-
Dental laboratory technology	21	11	-	-	-	-	-	-	-	-
Dental business	-	2	-	-	-	-	-	-	-	-
Cardiovascular technology	3	11	-	2	-	-	-	-	-	-
Emergency medical technology-paramedic	10	4	-	-	-	-	-	-	-	-
Medical radiation dosimetry	6	1	-	-	-	-	-	-	-	-
Nuclear medical technology	8	15	3	15	-	-	-	-	-	-
Radiologic (medical) technology	40	104	10	19	-	-	-	-	-	-
Respiratory therapy technology	48	63	-	3	-	-	-	-	-	-
Surgical technology	3	6	-	-	-	-	-	-	-	-
Diagnostic medical sonography	4	17	2	3	-	-	-	-	-	-
Diagnostic and treatment services, other	1	6	-	-	-	-	-	-	-	-
Clinical animal technology	-	9	-	-	-	-	-	-	-	-
Cytotechnology	-	-	2	11	-	-	-	-	-	-
Histologic technology	-	1	-	-	-	-	-	-	-	-
Medical laboratory technology	31	205	13	93	-	-	-	-	-	-
Medical technology	2	6	30	120	-	-	-	4	-	-
Microbiology technology	-	-	1	1	-	-	-	-	-	-
Medical laboratory technologies, other	5	16	-	-	-	-	-	-	-	-
Alcohol/drug abuse specialty	-	-	7	7	-	-	-	-	-	-
Community health work	1	2	-	-	-	-	-	-	-	-
Mental health/human services assisting	9	33	-	-	-	-	-	-	-	-
Mental health/human services technology	14	62	7	14	-	-	-	-	-	-
Rehabilitation counseling	-	-	-	-	-	-	6	18	-	-
Sign language interpreter	-	2	-	-	-	-	-	-	-	-
Human services technologies	-	3	-	-	-	-	-	-	-	-
Habilitative services	1	3	-	3	-	-	-	-	-	-
Exceptional persons	-	-	-	2	-	-	2	2	-	-
Mental health/human services, other	-	9	-	-	-	-	-	-	-	-
Animal technology	-	38	-	-	-	-	-	-	-	-
Medical assisting	2	233	-	-	-	-	-	-	-	-
Medical illustrating	-	-	1	1	-	-	-	-	-	-
Medical records technology	2	48	-	-	-	-	-	-	-	-
Pharmacy assisting	3	13	-	-	-	-	-	-	-	-
Physician assisting	8	12	21	45	-	-	-	-	-	-
Veterinarian aide	-	6	-	-	-	-	-	-	-	-
Veterinarian assisting	-	7	-	-	-	-	-	-	-	-
Miscellaneous Allied Health Services, other	-	21	-	2	-	-	-	-	-	-
Opthalmic dispensing	8	9	-	-	-	-	-	-	-	-
Optometric technology	1	4	-	-	-	-	-	-	-	-
Art therapy	-	-	6	19	-	-	-	16	-	-
Dance therapy	-	-	-	-	-	-	1	6	-	-
Music therapy	-	-	3	30	-	-	-	-	-	-
Occupational therapy	-	2	15	151	-	-	1	-	-	-
Occupational therapy assisting	11	71	-	-	-	-	1	-	-	-
Physical therapy	4	5	48	131	-	-	22	50	-	-
Physical therapy assisting	2	45	-	-	-	-	-	-	-	-
Recreational therapy	6	24	-	12	-	-	-	-	-	-
Recreational therapy assisting	-	4	-	-	-	-	-	-	-	-
Respiratory therapy	12	27	1	14	-	-	-	-	-	-
Speech/hearing therapy aide	1	7	-	-	-	-	-	-	-	-
Speech-language pathology/audiology	-	-	-	15	-	-	-	-	-	-
Vision rehabilitation	-	-	-	5	-	-	-	-	-	-
Health services assistant	-	-	-	3	-	-	-	-	-	-
Environmental health	-	-	6	6	-	-	-	-	-	-
Allied health, other	-	2	6	19	-	-	8	29	-	-

TABLE 4

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX BY FIELD OF STUDY, 1985-86--Continued

	Associate Degrees		Bachelor's Degrees		First Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
HEALTH SCIENCES--Total	135	1 268	516	3 119	1 337	568	176	749	47	27
Audiology	-	-	-	-	-	-	-	3	-	-
Speech pathology	-	-	1	5	-	-	1	10	-	-
Speech-language pathology/audiology	-	-	1	23	-	-	5	96	2	1
Clinical anatomy	-	-	-	-	-	-	-	-	1	
Clinical biochemistry	-	-	13	6	-	-	2	2	2	1
Clincial microbiology	-	-	-	-	-	-	2	6	5	-
Clinical pathology	-	-	-	-	-	-	1	4	-	-
Clinical physiology	-	-	-	-	-	-	2	1	1	1
Toxicology (clinical)	-	-	-	-	-	-	-	-	-	1
Basic clinical health sciences, other	-	-	-	3	-	-	-	-	-	-
Chiropractic	-	-	-	-	13	11	-	-	-	-
Dentistry, general	-	-	-	-	313	72	-	-	-	-
Endodontics	-	-	-	-	-	-	2	-	-	-
Orthodontics	-	-	-	-	-	-	3	2	-	-
Pedodontics	-	-	-	-	-	-	3	2	-	-
Prosthodontics	-	-	-	-	-	-	1	-	-	-
Dentistry, other	-	-	-	-	-	-	1	1	1	-
Health services administration	-	-	45	140	-	-	82	125	1	-
Medical records administration	-	-	5	45	-	-	-	-	-	-
Health services administration, other	1	2	12	44	-	-	22	32	-	-
Medical laboratory	-	-	10	34	-	-	-	-	-	-
Medicine, general	-	-	-	-	717	326	-	-	9	1
Geriatrics	-	1	-	5	-	-	-	-	-	-
Pathology	-	-	-	-	-	-	-	-	1	-
Medicine, other	-	-	-	-	-	-	2	2	5	2
Nursing, general	134	1 262	128	2 465	-	-	4	98	-	6
Anesthetist	-	3	15	13	-	-	-	-	-	-
Maternal/child health	-	-	-	1	-	-	1	55	1	1
Medical surgical	-	-	-	1	-	-	2	61	-	-
Nursing administration	-	-	-	-	-	-	1	35	-	-
Psychiatric/mental health	-	-	-	-	-	-	1	22	-	1
Public health	-	-	-	-	-	-	-	5	-	-
Nursing, other	-	-	3	25	-	-	6	129	-	-
Optometry	-	-	1	-	-	-	-	-	-	-
Osteopathic medicine	-	-	-	-	149	60	-	-	-	-
Pharmacy	-	-	212	271	22	13	11	6	7	1
Podiatry	-	-	-	-	76	30	-	-	-	-
Pre-dentistry	-	-	2	-	-	-	-	-	-	-
Pre-medicine	-	-	41	12	-	-	-	-	-	-
Pre-veterinary	-	-	-	1	-	-	-	-	-	-
Public health laboratory science	-	-	7	16	-	-	-	-	-	-
Epidemiology	-	-	-	-	-	-	6	11	5	11
Veterinary medicine	-	-	-	-	47	56	-	-	-	-
Health science	-	-	10	3	-	-	-	-	-	-
Sports medicine	-	-	4	1	-	-	-	-	-	-
Health sciences, other	-	-	6	5	-	-	15	39	6	-
HOME ECONOMICS--Total	12	49	26	396	-	-	7	47	3	14
Home economics, general	-	-	-	7	-	-	-	-	-	-
Family and community services	-	-	2	22	-	-	-	-	-	-
Consumer science	-	-	1	12	-	-	-	-	-	-
Food sciences and human nutrition, general	-	-	3	64	-	-	-	8	-	-
Dietetics/human nutritional services	-	3	9	124	-	-	2	17	-	3
Human nutrition	-	-	-	-	-	-	-	1	-	-
Food sciences and human nutrition, other	-	-	-	-	-	-	-	1	-	-
Individual and family development, general	-	-	11	139	-	-	2	6	3	11
Family counseling	-	-	-	-	-	-	2	10	-	-
Gerontological services	-	2	-	-	-	-	1	4	-	-
Textiles and clothing, general	-	-	-	12	-	-	-	-	-	-
Fashion design	12	44	-	13	-	-	-	-	-	-
Textiles and clothing, other	-	-	-	3	-	-	-	-	-	-
VOCATIONAL HOME ECONOMICS--Total	65	269	25	85	-	-	-	-	-	-
Child development, care, and guidance	-	-	-	1	-	-	-	-	-	-
Food and nutrition	-	-	-	11	-	-	-	-	-	-
Child care & guidance management & services, general	1	54	3	39	-	-	-	-	-	-
Child care aide/assisting	4	91	-	-	-	-	-	-	-	-
Child care management	-	7	-	5	-	-	-	-	-	-
Teacher aide	9	35	-	-	-	-	-	-	-	-
Custom apparel/garment seamstress	-	8	-	-	-	-	-	-	-	-
Food production, management & services, general	11	14	22	29	-	-	-	-	-	-
Chef/cook	21	7	-	-	-	-	-	-	-	-
Dietetic aide/assisting	1	25	-	-	-	-	-	-	-	-
Food service	8	7	-	-	-	-	-	-	-	-
Food production, management & services, other	10	21	-	-	-	-	-	-	-	-
LAW--Total	7	106	53	48	797	587	49	20	-	-
Law	-	-	-	-	797	587	43	18	-	-
Pre-law	-	-	32	17	-	-	-	-	-	-
Legal assisting	7	106	-	9	-	-	-	-	-	-
Law, other	-	-	21	22	-	-	6	2	-	-
LETTERS--Total	3	7	726	1 422	-	-	100	174	31	30
English, general	3	7	440	907	-	-	70	116	20	15
Classics	-	-	8	14	-	-	5	4	-	2
Comparative literature	-	-	2	14	-	-	5	3	1	3
Composition	-	-	1	6	-	-	-	-	-	-
Creative writing	-	-	26	83	-	-	-	2	-	-
Linguistics(includes phonetics, semantics, & philology)	-	-	3	13	-	-	6	11	6	2
Literature, English	-	-	31	69	-	-	1	1	-	-
Rhetoric	-	-	-	-	-	-	-	-	-	4
Speech, debate, and forensics	-	-	198	307	-	-	3	13	4	4
Technical and business writing	-	-	16	34	-	-	10	24	-	-
Letters, other	-	-	1	5	-	-	-	-	-	-

TABLE 4

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX BY FIELD OF STUDY, 1985-86--Continued

	Associate Degrees		Bachelor's Degrees		First Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
LIBERAL/GENERAL STUDIES--Total	705	1 168	237	284	-	-	31	19	-	-
Liberal/arts and sciences	599	977	223	251	-	-	31	19	-	-
General studies	71	151	-	-	-	-	-	-	-	-
Liberal/general studies, other	31	37	-	-	-	-	-	-	-	-
General education	1	2	-	-	-	-	-	-	-	-
Adult education	-	-	14	33	-	-	-	-	-	-
Occupational studies	3	1	-	-	-	-	-	-	-	-
LIBRARY AND ARCHIVAL SCIENCES--Total	1	3	3	30	-	-	50	110	8	4
Library and archival sciences, general	-	-	-	6	-	-	-	-	-	-
Library assisting	1	3	-	-	-	-	-	-	-	-
Library science	-	-	3	24	-	-	50	110	8	4
LIFE SCIENCES--Total	20	25	1 262	1 221	-	-	99	99	77	30
Biology, general	18	24	1 078	996	-	-	55	41	26	12
Biochemistry and biophysics	-	1	79	79	-	-	9	10	6	5
Botany, general	-	-	-	-	-	-	-	1	1	-
Plant pathology	-	-	-	-	-	-	1	3	2	-
Molecular biology	-	-	14	7	-	-	2	2	2	2
Microbiology	-	-	48	90	-	-	1	4	7	-
Anatomy	-	-	-	-	-	-	3	-	2	1
Ecology	-	-	2	3	-	-	2	-	1	1
Marine biology	-	-	4	1	-	-	-	-	-	-
Neurosciences	-	-	12	8	-	-	-	-	-	-
Nutritional sciences	-	-	3	18	-	-	1	21	-	-
Toxicology	-	-	14	11	-	-	1	-	-	-
Laboratory animal	-	-	-	-	-	-	-	3	-	-
Veterinary science	-	-	-	-	-	-	3	1	-	-
Miscellaneous specilized areas, life sciences, other	-	-	1	2	-	-	-	-	-	-
Zoology, general	-	-	-	-	-	-	-	-	1	-
Entomology	-	-	2	-	-	-	3	1	7	1
Genetics, human and animal	-	-	-	5	-	-	5	4	3	-
Pathology, human and animal	-	-	-	-	-	-	-	-	2	3
Pharmacology, human and animal	-	-	-	-	-	-	4	1	9	4
Physiology, human and animal	-	-	-	-	-	-	9	7	8	1
Life sciences, other	2	-	5	3	-	-	-	-	-	-
MATHEMATICS--Total	14	4	595	533	-	-	82	43	21	7
Mathematics, general	14	4	447	473	-	-	62	31	17	7
Actuarial sciences	-	-	21	14	-	-	-	1	-	-
Applied mathematics	-	-	112	41	-	-	12	3	1	-
Pure mathematics	-	-	-	2	-	-	-	-	-	-
Statistics	-	-	2	-	-	-	8	7	3	-
Mathematics, other	-	-	13	3	-	-	-	1	-	-
MILITARY SCIENCES--Total	-	-	-	1	-	-	-	-	-	-
Coast guard science	-	-	-	1	-	-	-	-	-	-
MULTI/INTERDISCIPLINARY STUDIES--Total	31	35	391	317	-	-	48	40	17	6
Biological and physical sciences	20	20	212	133	-	-	2	1	1	-
Clinical pastoral care	-	-	-	5	-	-	5	11	-	-
Engineering and other disciplines	-	-	16	7	-	-	11	-	6	-
Humanities and social sciences	10	15	34	47	-	-	4	7	8	4
Behavioral sciences	-	-	4	11	-	-	-	-	-	-
Peace studies	-	-	-	-	-	-	1	-	1	-
Women's studies	-	-	-	2	-	-	-	-	-	-
Public/health/administration	-	-	-	-	-	-	5	11	-	-
Environmental studies	-	-	29	10	-	-	-	-	-	-
Environmental science	-	-	9	2	-	-	-	-	-	-
Mathematics and computer science	-	-	5	5	-	-	-	-	-	-
Business and behavioral	-	-	-	4	-	-	-	-	-	-
Bachelor of philosophy	-	-	1	1	-	-	-	-	-	-
Mineral economics	-	-	18	8	-	-	7	-	-	2
English and business	-	-	-	1	-	-	-	-	-	-
Art and communication	-	-	-	2	-	-	-	-	-	-
Bilingual/bicultural Spanish studies	-	-	-	-	-	-	5	7	-	-
Journalism/science	-	-	-	2	-	-	-	-	-	-
Management science	-	-	2	3						
Professional growth	-	-	-	-	-	-	3	-	-	-
Multi/interdisciplinary studies, other	1	-	61	74	-	-	5	3	1	-
PARKS AND RECREATION--Total	7	3	107	164	-	-	13	17	2	1
Parks and recreation, general	-	-	20	46	-	-	5	7	2	-
Parks and recreation management	7	3	87	118	-	-	8	10	-	1
PHILOSOPHY AND RELIGION--Total	1	1	215	161	-	-	44	63	25	15
Philosophy	-	1	116	72	-	-	18	5	17	9
Religion	-	-	94	84	-	-	23	58	8	6
Christian service	1	-	-	-	-	-	-	-	-	-
Philosophy/religion	-	-	1	3						
Philosophy and religion, other	-	-	4	2	-	-	3	-	-	-
THEOLOGY--Total	12	25	207	128	371	130	129	78	87	13
Bible studies	12	24	97	27	-	-	8	-	-	-
Missionary studies	-	-	4	5	-	-	-	-	-	-
Religious education	-	1	11	27	-	-	23	48	-	-
Religious music	-	-	1	6	-	-	1	-	-	-
Theological studies	-	-	73	59	371	130	86	23	64	10
Youth ministries	-	-	6	4	-	-	-	-	-	-
Ministry	-	-	-	-	-	-	-	-	23	3
Pastoral Ministries	-	-	15	-	-	-	-	-	-	-
Theology, other	-	-	-	-	-	-	11	7	-	-

TABLE 4

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX BY FIELD OF STUDY, 1985-86--Continued

	Associate Degrees		Bachelor's Degrees		First Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
PHYSICAL SCIENCES--Total .	29	6	1 034	465	-	-	198	61	140	30
Physical sciences, general	19	3	17	17	-	-	4	1	-	-
Astronomy	-	-	8	1	-	-	1	-	1	-
Atmospheric sciences and meteorology	-	-	34	14	-	-	12	2	2	1
Chemistry, general	4	2	445	307	-	-	63	27	59	19
Organic chemistry	-	-	-	-	-	-	-	-	1	2
Pharmaceutical chemistry	-	-	-	-	-	-	13	4	1	-
Forensic chemistry	-	-	4	1	-	-	-	-	-	-
Chemistry, other	-	-	12	14	-	-	3	5	7	-
Geology	-	-	137	35	-	-	33	9	4	1
Geochemistry	-	-	1	-	-	-	5	2	4	1
Geophysics and seismology	-	-	1	-	-	-	4	-	1	1
Geoenvironmental studies	-	-	21	3	-	-	3	1	-	-
Geosciences, other	-	-	29	3	-	-	-	-	-	-
Oceanography	-	-	2	2	-	-	-	-	-	-
Earth science	-	-	75	19	-	-	1	-	-	-
Physics, general	6	1	222	45	-	-	48	8	53	3
Applied physics	-	-	-	-	-	-	2	-	-	-
Planetary science	-	-	15	2	-	-	-	-	-	-
Physical sciences, other	-	-	11	2	-	-	6	2	7	2
SCIENCE TECHNOLOGIES--Total	26	12	2	-	-	-	-	-	-	-
Nuclear power plant operation technology	19	4	-	-	-	-	-	-	-	-
Nuclear power plant radiation control technology	5	1	-	-	-	-	-	-	-	-
Radiologic (Physical) Technology	-	2	-	-	-	-	-	-	-	-
Chemical technology	2	3	-	-	-	-	-	-	-	-
Science technologies, other	-	2	2	-	-	-	-	-	-	-
PSYCHOLOGY--Total	9	22	652	1 401	-	-	154	243	47	35
Psychology, general	8	13	598	1 398	-	-	70	127	16	19
Clinical psychology	-	-	-	-	-	-	11	21	19	8
Community psychology	1	5	-	-	-	-	2	-	-	-
Comparative psychology	-	-	-	-	-	-	11	2	-	-
Counseling psychology	-	-	1	5	-	-	35	57	10	5
Developmental psychology	-	-	-	-	-	-	-	-	1	-
Experimental psychology	-	-	1	1	-	-	-	-	1	3
Physiological psychology	-	-	42	40	-	-	-	-	-	-
Psycholinguistics	-	-	1	1	-	-	-	-	-	-
Quantitative psychology	-	-	-	-	-	-	4	2	-	-
Social psychology	-	-	6	29	-	-	9	10	-	-
Gerontology	-	4	-	-	-	-	2	-	-	-
Psychological services	-	-	-	-	-	-	5	14	-	-
Pastoral counseling	-	-	-	-	-	-	5	10	-	-
Psychology, other	-	-	3	7	-	-	-	-	-	-
PROTECTIVE SERVICES--Total	218	101	561	266	-	-	52	20	-	-
Correctional administration	-	-	32	17	-	-	5	2	-	-
Corrections	11	20	-	2	-	-	-	-	-	-
Criminal justice administration	3	1	101	35	-	-	33	10	-	-
Criminal justice studies	17	6	235	105	-	-	11	5	-	-
Criminal justice technology	101	52	-	1	-	-	-	-	-	-
Law enforcement	29	9	78	44	-	-	-	2	-	-
Law enforcement administration	27	13	-	-	-	-	-	-	-	-
Administration of Justice			102	60						
Criminal justice, other	-	-	13	2	-	-	-	-	-	-
Fire control and safety technology	25	-	-	-	-	-	-	-	-	-
Fire protection administration	3	-	-	-	-	-	3	1	-	-
Protective services, other	2	-	-	-	-	-	-	-	-	-
PUBLIC AFFAIRS--Total	18	34	187	606	-	-	499	552	19	23
Public affairs, general	-	-	25	25	-	-	15	-	9	5
Community services	6	5	17	15	-	-	4	5	1	-
International public service	-	-	22	29	-	-	49	28	-	-
Public administration	3	4	43	27	-	-	296	165	-	2
Public policy studies	-	-	19	12	-	-	23	7	5	-
Social work, general	6	24	31	299	-	-	81	280	4	16
Social welfare	-	-	2	19	-	-	-	-	-	-
Social work, other	-	-	6	59	-	-	13	39	-	-
Administration	-	-	-	-	-	-	-	2	-	-
Human services, general	-	-	15	113	-	-	16	29	-	-
Public affairs, other	-	1	7	8	-	-	-	-	-	-
SOCIAL SCIENCES--Total	50	61	2 909	2 128	-	-	223	164	99	41
Social sciences, general	27	48	64	68	-	-	9	2	-	-
Anthropology	-	-	35	74	-	-	10	14	13	9
Archeology	-	-	1	9	-	-	1	5	1	3
Criminology	19	5	89	47	-	-	-	-	-	-
Demography	-	-	-	-	-	-	4	5	5	1
Economics	-	-	949	530	-	-	54	22	28	3
Economics, political	-	-	1	-	-	-	-	-	-	-
Geography	-	-	96	32	-	-	26	7	2	1
History	-	-	515	250	-	-	57	35	13	8
International relations	-	-	76	98	-	-	7	3	2	1
Political science and government	1	-	848	538	-	-	35	23	7	4
Sociology	1	5	195	406	-	-	18	41	19	8
Rural sociology	-	-	-	-	-	-	-	4	5	1
Urban studies	-	-	18	26	-	-	2	1	-	-
Sociology/anthropology	-	-	9	21	-	-	-	-	-	-
Social sciences, other	2	6	13	26	-	-	-	2	4	2

TABLE 4

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX BY FIELD OF STUDY, 1985-86--Concluded

	Associate Degrees		Bachelor's Degrees		First Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
CONSTRUCTION TRADES--Total	290	4	7	-	-	-	-	-	-	-
Carpentry	32	-	-	-	-	-	-	-	-	-
Electrical and power transmission installation, general	19	-	-	-	-	-	-	-	-	-
Electrician	133	3	-	-	-	-	-	-	-	-
Building and property maintenance	36	1	-	-	-	-	-	-	-	-
Painting and decorating	9	-	-	-	-	-	-	-	-	-
Building construction technology	33	-	-	-	-	-	-	-	-	-
Construction trades, other	28	-	7	-	-	-	-	-	-	-
MECHANICS AND REPAIRERS--Total	357	5	-	-	-	-	-	-	-	-
Computer electronics	37	2	-	-	-	-	-	-	-	-
Heating, air cond., and refrigeration mech., general	2	-	-	-	-	-	-	-	-	-
Cooling and refrigeration	21	-	-	-	-	-	-	-	-	-
Heating and air conditioning	19	1	-	-	-	-	-	-	-	-
Heating, air cond., and refrigeration mech., other	155	-	-	-	-	-	-	-	-	-
Stationary energy sources, general	2	-	-	-	-	-	-	-	-	-
Vehicle and mobile equipment mechanics and repairers, general	79	1	-	-	-	-	-	-	-	-
Aircraft mechanics	7	-	-	-	-	-	-	-	-	-
Automotive body repair	16	-	-	-	-	-	-	-	-	-
Automotive mechanics	14	1	-	-	-	-	-	-	-	-
Diesel engine mechanics	5	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION--Total	814	314	15	6	-	-	-	-	-	-
Drafting, general	452	59	-	-	-	-	-	-	-	-
Architectural drafting	42	7	-	-	-	-	-	-	-	-
Civil/structural drafting	2	-	-	-	-	-	-	-	-	-
Mechanical drafting	19	3	-	-	-	-	-	-	-	-
Drafting, other	1	1	-	-	-	-	-	-	-	-
Graphic and printing communications, general	9	3	-	-	-	-	-	-	-	-
Commercial art	107	179	-	1	-	-	-	-	-	-
Commercial photography	61	60	-	-	-	-	-	-	-	-
Silk screen making and printing	-	1	-	-	-	-	-	-	-	-
Graphics communications technology	-	-	15	5	-	-	-	-	-	-
Machine tool operation/machine shop	72	-	-	-	-	-	-	-	-	-
Tool and die making	21	-	-	-	-	-	-	-	-	-
Welding	24	-	-	-	-	-	-	-	-	-
Woodworking, general	4	1	-	-	-	-	-	-	-	-
TRANSPORTATION AND MATERIAL MOVING--Total	92	7	-	-	-	-	-	-	-	-
Airplane piloting and navigation (commercial)	38	2	-	-	-	-	-	-	-	-
Aviation computer technology	39	2	-	-	-	-	-	-	-	-
Air traffic control	15	3	-	-	-	-	-	-	-	-
VISUAL AND PERFORMING ARTS--Total	84	74	659	1 199	-	-	126	164	8	10
Visual and performing arts, general	13	23	10	27	-	-	-	-	-	-
Crafts, general	-	-	6	18	-	-	-	-	-	-
Ceramics	-	-	3	7	-	-	2	2	-	-
Fiber/textiles/weaving	-	-	4	37	-	-	-	2	-	-
Metal/jewelry	-	-	3	12	-	-	-	-	-	-
Dance	-	-	15	35	-	-	3	9	-	2
Design, general	-	1	30	84	-	-	7	21	-	-
Graphic design	-	-	31	92	-	-	3	2	-	-
Illustration design	-	-	24	41	-	-	-	-	-	-
Industrial design	-	-	14	14	-	-	-	-	-	-
Design, other	-	-	-	16	-	-	-	-	-	-
Dramatic arts	1	1	79	100	-	-	21	26	-	-
Cinematography/film	-	-	27	11	-	-	-	-	-	-
Film animation	-	-	1	3	-	-	-	-	-	-
Photography	-	-	10	18	-	-	1	1	-	-
Fine arts, general	15	20	131	272	-	-	16	29	-	1
Art history and appreciation	-	-	14	62	-	-	3	3	4	4
Arts management	-	-	-	4	-	-	3	6	-	-
Drawing	-	-	1	1	-	-	-	-	-	-
Intermedia	-	-	15	25	-	-	4	5	-	-
Painting	-	-	25	42	-	-	4	3	-	-
Sculpture	-	-	12	11	-	-	1	1	-	-
Printmaking	-	-	-	3	-	-	-	-	-	-
Art	-	-	41	52	-	-	1	2	-	-
Communication design	-	-	34	55	-	-	-	3	-	-
Fine arts, other	-	-	2	9	-	-	-	-	-	-
Graphic arts technology	45	26	10	11	-	-	2	-	-	-
Music, general	8	2	39	57	-	-	23	18	3	3
Music history and appreciation	-	-	-	1	-	-	1	-	-	-
Music performance	-	-	47	52	-	-	19	21	-	-
Music theory and composition	-	-	6	4	-	-	6	3	1	-
Music merchandising	-	-	3	3	-	-	-	-	-	-
Music (performing, composition, theory)	-	-	5	2	-	-	2	3	-	-
Music, other	-	-	1	8	-	-	4	4	-	-
Visual communication	-	-	-	1	-	-	-	-	-	-
Visual and performing arts, other	2	1	16	9	-	-	-	-	-	-

1/ Excludes estimated data for nonresponding institutions which is: 610 associate; 5 bachelor's; 10 master's; and 10 doctorate's.

TABLE 5

DEGREES AND OTHER FORMAL AWARDS CONFERRED BY INSTITUTION BY LEVEL OF PROGRAM, 1985-86

	Postsecondary Certificates	Total Associate and Higher Degrees	Associate Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
TOTAL, ALL INSTITUTIONS 1/ (225)	8 908	97 299	21 557	56 781	3 790	13 364	1 807
STATE UNIVERSITIES (14)	23	14 831	272	12 550	-	1 997	12
Bloomsburg University	-	1 250	2	1 123	-	127	-
California University	-	891	47	720	-	124	-
Cheyney University	-	261	-	241	-	20	-
Clarion University	-	1 077	55	898	-	124	-
East Stroudsburg University	-	848	3	719	-	126	-
Edinboro University	17	993	96	750	-	147	-
Indiana University	6	2 622	15	2 280	-	315	12
Kutztown University	-	1 003	-	872	-	131	-
Lock Haven University	-	467	-	467	-	-	-
Mansfield University	-	518	32	404	-	82	-
Millersville University	-	1 157	9	1 025	-	123	-
Shippensburg University	-	1 327	-	988	-	339	-
Slippery Rock University	-	995	-	880	-	115	-
West Chester University	-	1 422	15	1 183	-	224	-
STATE RELATED COMMONWEALTH UNIVERSITIES (4)	2 822	23 223	1 585	15 155	1 204	4 248	1 031
Lincoln University	-	200	-	155	-	45	-
Pennsylvania State University -- Total	2 721	11 491	1 422	8 323	89	1 293	364
Main Campus	2 710	9 200	75	7 644	-	1 128	353
Allentown Campus	-	-	-	-	-	-	-
Altoona Campus	-	135	135	-	-	-	-
Beaver Campus	-	65	65	-	-	-	-
Behrend College	-	184	42	142	-	-	-
Berks Campus	-	90	90	-	-	-	-
Capital College	-	637	-	537	-	100	-
Delaware Campus	-	34	34	-	-	-	-
DuBois Campus	-	92	92	-	-	-	-
Fayette Campus	-	72	72	-	-	-	-
Hazleton Campus	-	75	75	-	-	-	-
Hershey Medical Center	11	120	14	-	89	6	11
King of Prussia Center for Graduate Studies	-	59	-	-	-	59	-
McKeesport Campus	-	60	60	-	-	-	-
Mont Alto Campus	-	26	26	-	-	-	-
New Kensington Campus	-	126	126	-	-	-	-
Ogontz Campus	-	97	97	-	-	-	-
Schuylkill Campus	-	73	73	-	-	-	-
Shenango Valley Campus	-	77	77	-	-	-	-
Wilkes-Barre Campus	-	113	113	-	-	-	-
Worthington-Scranton Campus	-	98	98	-	-	-	-
York Campus	-	58	58	-	-	-	-
Temple University	4	5 115	107	2 984	683	1 064	277
University of Pittsburgh -- Total	97	6 417	56	3 693	432	1 846	390
Main Campus	97	5 808	-	3 140	432	1 846	390
Bradford Campus	-	127	36	91	-	-	-
Greensburg Campus							
Johnstown Campus	-	473	11	462	-	-	-
Titusville Campus	-	9	9	-	-	-	-
COMMUNITY COLLEGES (14)	1 759	8 879	8 879	-	-	-	-
Bucks County Community College	28	714	714	-	-	-	-
Butler County Community College	57	290	290	-	-	-	-
Community College of Allegheny County	385	2 152	2 152	-	-	-	-
Community College of Beaver County	105	379	379	-	-	-	-
Community College of Philadelphia	117	806	806	-	-	-	-
Delaware County Community College	91	648	648	-	-	-	-
Harrisburg Area Community College	69	748	748	-	-	-	-
Lehigh County Community College	74	392	392	-	-	-	-
Luzerne County Community College	161	496	496	-	-	-	-
Montgomery County Community College	26	564	564	-	-	-	-
Northampton County Area Community College	159	442	442	-	-	-	-
Reading Area Community College	-	160	160	-	-	-	-
Westmoreland County Community College	88	439	439	-	-	-	-
Williamsport Area Community College	399	649	649	-	-	-	-
PRIVATE STATE-AIDED INSTITUTIONS (12)	19	10 172	240	5 246	1 593	2 689	404
Delaware Valley College of Science and Agriculture	-	253	-	253	-	-	-
Drexel University	-	2 135	-	1 414	-	689	32
Hahnemann University	5	610	182	122	170	116	20
Medical College of Pennsylvania	-	131	-	-	118	10	3
Pennsylvania College of Optometry	-	268	-	132	129	7	-
Pennsylvania College of Podiatric Medicine	-	106	-	-	106	-	-
Philadelphia College of Art	2	218	-	210	-	8	-
Philadelphia College of Osteopathic Medicine	-	209	-		209	-	-
Philadelphia College of Textiles and Science	-	422	10	386	-	26	-
Philadelphia College of the Performing Arts	1	44	-	39	-	5	-
Thomas Jefferson University	-	584	-	349	222	5	8
University of Pennsylvania	11	5 192	48	2 341	639	1 823	341

TABLE 5

DEGREES AND OTHER FORMAL AWARDS CONFERRED BY INSTITUTION BY LEVEL OF PROGRAM, 1985-86--Continued

	Postsecondary Certificates	Total Associate and Higher Degrees	Associate Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
PRIVATE COLLEGES AND UNIVERSITIES 1/(82)	4 229	30 378	1 365	23 811	467	4 275	260
Academy of the New Church	-	50	34	13	3	-	-
Albright College	-	315	-	315	-	-	-
Allegheny College	-	436	-	426	-	10	-
Allentown College of St. Francis De Sales	-	232	-	232	-	-	-
Alliance College	-	34	15	19	-	-	-
Alvernia College	-	146	32	114	-	-	-
American College	4 846	128	-	-	-	128	-
Antioch University	-	214	-	126	-	88	-
Baptist Bible College and School of Theology	17	149	23	120	6	-	-
Beaver College	-	460	22	237	-	201	-
Bryn Mawr College	-	409	-	266	-	110	33
Bucknell University	-	805	-	758	-	47	-
Cabrini College	-	163	-	145	-	18	-
Carlow College	-	193	-	193	-	-	-
Carnegie-Mellon University	-	1 497	-	854	-	532	111
Cedar Crest College	-	214	-	214	-	-	-
Chatham College	-	95	-	95	-	-	-
Chestnut Hill College	-	175	-	150	-	25	-
College Misericordia	-	206	11	173	-	22	-
Combs College of Music 2/	-	25	-	5	-	10	10
Curtis Institute of Music	18	24	-	18	-	6	-
Dickinson College	-	453	-	453	-	-	-
Dickinson School of Law	-	179	-	-	171	8	-
Dropsie College	-	6	-	-	-	4	2
Duquesne University	-	1 422	3	845	197	349	28
Eastern College	-	132	-	121	-	11	-
Elizabethtown College	-	315	5	310	-	-	-
Franklin and Marshall College	24	508	78	430	-	-	-
Gannon University	-	673	109	497	-	67	-
Geneva College	-	229	7	222	-	-	-
Gettysburg College	-	440	-	440	-	-	-
Gratz College	7	10	-	8	-	2	-
Grove City College	-	502	-	502	-	-	-
Gwynedd-Mercy College	31	469	204	237	-	28	-
Haverford College	-	234	-	234	-	-	-
Holy Family College	-	190	-	190	-	-	-
Immaculata College	-	176	23	137	-	16	-
Juniata College	-	251	-	251	-	-	-
King's College	5	429	17	412	-	-	-
Lafayette College	-	522	-	522	-	-	-
Lancaster Bible College	6	65	10	55	-	-	-
LaRoche College	-	325	-	289	-	36	-
LaSalle University	-	1 178	50	894	-	234	-
Lebanon Valley College	-	208	5	203	-	-	-
Lehigh University	-	1 473	-	1 020	-	385	68
Lycoming College	-	249	-	249	-	-	-
Marywood College	-	602	-	399	-	203	-
Mercyhurst College	-	248	9	230	-	9	-
Messiah College	-	350	-	350	-	-	-
Moore College of Art	-	94	-	94	-	-	-
Moravian -- Total	-	363	-	345	15	3	-
Moravian College	-	345	-	345	-	-	-
Moravian Theological Seminary	-	-	-	-	15	3	-
Muhlenberg College	-	384	5	379	-	-	-
Neumann College	23	164	-	152	-	12	-
New School of Music	5	14	-	14	-	-	-
Pennsylvania College of Straight Chiropractic	-	24	-	-	24	-	-
Philadelphia College of Bible	3	90	-	90	-	-	-
Philadelphia College of Pharmacy and Science	-	215	-	181	25	4	5
Point Park College	-	377	39	321	-	17	-
Reconstructionist Rabbinical College	-	10	-	-	10	-	-
Robert Morris College	-	1 154	237	769	-	148	-
Rosemont College	-	93	-	93	-	-	-
Saint Francis College	-	270	10	220	-	40	-
Saint Joseph's University	3	1 062	33	738	-	291	-
Saint Vincent -- Total	7	202	-	187	12	3	-
Saint Vincent College	7	187	-	187	-	-	-
Saint Vincent Seminary	-	15	-	-	12	3	-
Seton Hill College	-	144	-	144	-	-	-
Spring Garden College	-	218	47	171	-	-	-
Susquehanna University	17	347	13	334	-	-	-
Swarthmore College	-	341	-	341	-	-	-
Thiel College	11	142	7	135	-	-	-
United Wesleyan College	-	50	10	40	-	-	-
University of Scranton	-	1 096	7	847	-	242	-
Ursinus College	-	288	32	256	-	-	-
Valley Forge Christian College	6	71	-	71	-	-	-
Villa Maria College	-	119	28	91	-	-	-
Villanova University	-	2 410	8	1 603	204	592	3
Washington and Jefferson College	-	262	-	262	-	-	-
Waynesburg College	-	124	3	98	-	23	-
Westminster College	-	292	-	263	-	29	-
Widener University	-	925	52	635	-	238	-
Wilkes College	-	492	-	425	-	67	-
Wilson College	-	35	8	27	-	-	-
York College of Pennsylvania	-	698	169	512	-	17	-

TABLE 5

DEGREES AND OTHER FORMAL AWARDS CONFERRED BY INSTITUTION BY LEVEL OF PROGRAM, 1985-86--Continued

	Postsecondary Certificates	Total Associate and Higher Degrees	Associate Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
THEOLOGICAL SEMINARIES (16)	16	600	-	19	326	155	100
Biblical Theological Seminary	-	35	-	-	23	12	-
Calvary Baptist Theological Seminary	-	12	-	-	12	-	-
Christ the Saviour Seminary	-	-	-	-	-	-	-
Eastern Baptist Theological Seminary	-	76	-	-	42	8	26
Evangelical School of Theology	-	18	-	-	15	3	-
Faith Theological Seminary	-	18	-	-	6	1	11
Lancaster Theological Seminary	-	46	-	-	28	8	10
Lutheran Theological Seminary - Gettysburg	-	56	-	-	45	9	2
Lutheran Theological Seminary - Philadelphia	-	34	-	-	22	9	3
Mary Immaculate Seminary	-	7	-	-	5	2	-
Pittsburgh Theological Seminary	-	102	-	-	55	12	35
Reformed Presbyterian Theological Seminary	-	5	-	-	5	-	-
Saint Charles Borromeo Seminary	-	57	-	19	6	32	-
Theological Seminary of the Reformed Episcopal Church	3	3	-	-	3	-	-
Trinity Episcopal School for Ministry	13	25	-	-	25	-	-
Westminster Theological Seminary	-	106	-	-	34	59	13
PRIVATE JUNIOR COLLEGES (9)	40	1 538	1 538	-	-	-	-
Harcum Junior College	-	278	278	-	-	-	-
Keystone Junior College	-	207	207	-	-	-	-
Lackawanna Junior College	2	245	245	-	-	-	-
Manor Junior College	1	95	95	-	-	-	-
Mount Aloysius Junior College	29	217	217	-	-	-	-
Northeastern Christian Junior College	-	53	53	-	-	-	-
Peirce Junior College	6	339	339	-	-	-	-
Pinebrook Junior College	-	46	46	-	-	-	-
Valley Forge Military Junior College	2	58	58	-	-	-	-
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS 1/ 2/ 3/ (73)	-	7 571	7 571	-	-	-	-
Altoona School of Commerce	-	-	-	-	-	-	-
Antonelli Institute of Art and Photography - Plymouth Meeting	-	86	86	-	-	-	-
Antonelli Institute of Art and Photography - York 2/	-	80	80	-	-	-	-
Art Institute of Pittsburgh	-	630	630	-	-	-	-
Art Institute of Philadelphia	-	413	413	-	-	-	-
Berean Institute	-	47	47	-	-	-	-
Cambria-Rowe Business College	-	106	106	-	-	-	-
Center for Degree Studies	-	183	183	-	-	-	-
Central Pennsylvania Business School	-	259	259	-	-	-	-
Centre Business School, Inc	-	51	51	-	-	-	-
Chi Institute	-	30	30				
Churchman Business School	-	34	34	-	-	-	-
Clarissa School	-	13	13	-	-	-	-
Computer Systems Institute, Inc - Meadville	-	68	68	-	-	-	-
Computer Systems Institute, Inc - Pittsburgh	-	116	116	-	-	-	-
Dean Institute of Technology	-	95	95	-	-	-	-
Douglas School of Business	-	28	28	-	-	-	-
DuBois Business College	-	102	102	-	-	-	-
Duffs Business Institute	-	347	347	-	-	-	-
Electronic Institutes, Inc - Middletown	-	106	106	-	-	-	-
Electronic Institutes, Inc - Pittsburgh	-	136	136	-	-	-	-
Erie Business Center	-	95	95	-	-	-	-
Hiram G. Andrews Center	-	25	25	-	-	-	-
Hussian School of Art, Inc	-	20	20	-	-	-	-
ICM School of Business	-	143	143	-	-	-	-
Johnson Technical Institute	-	182	182	-	-	-	-
Keystone Secretarial and Business Administration School	-	39	39	-	-	-	-
Lansdale School of Business - Lansdale 2/	-	70	70	-	-	-	-
Lansdale School of Business - Pottstown 2/	-	20	20	-	-	-	-
Lincoln Technical Institute - Allentown	-	460	460	-	-	-	-
Lincoln Technical Institute - Philadelphia	-	35	35	-	-	-	-
Lyons Technical Institute - Philadelphia	-	35	35	-	-	-	-
Lyons Technical Institute - Upper Darby 2/	-	40	40	-	-	-	-
McCann School of Business, Inc	-	79	79	-	-	-	-
McCarrie Schools, Inc	-	148	148	-	-	-	-
Median School of Allied Health Careers 2/	-	40	40	-	-	-	-
Monroeville School of Business	-	31	31	-	-	-	-
National Education Center - Allentown Business School Campus	-	219	219	-	-	-	-
National Education Center - Thompson Institute Campus - Harrisburg 2/	-	190	190	-	-	-	-
National Education Center - Thompson Institute Campus - Philadelphia	-	110	110	-	-	-	-
National Education Center - Vale Technical Institute Campus	-	147	147	-	-	-	-
National School of Health Technology, Inc	-	17	17	-	-	-	-
New Castle School of Trades, Inc.	-	180	180	-	-	-	-
New Kensington Commercial School	-	79	79	-	-	-	-
Northeast Institute of Education 2/	-	40	40	-	-	-	
Palmer School, Inc.- Philadelphia	-	22	22	-	-	-	
Palmer School, Inc.- Middletown	-	18	18				

TABLE 5

DEGREES AND OTHER FORMAL AWARDS CONFERRED BY INSTITUTION BY LEVEL OF PROGRAM, 1985-86--Concluded

	Postsecondary Certificates	Total Associate and Higher Degrees	Associate Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS 1/ 2/ 3/ - Concluded							
Penn Commercial, Inc	-	48	48	-	-	-	-
Penn Technical Institute	-	234	234	-	-	-	-
Pennco Tech	-	274	274	-	-	-	-
Pennsylvania Institute of Technology	-	77	77	-	-	-	-
Philadelphia School of Office Technologies	-	91	91	-	-	-	-
Philadelphia School of Office Technologies - Northeast	-	37	37				
Philadelphia School of Printing and Advertising	-	12	12	-	-	-	-
Pittsburgh Beauty Academy	-	44	44	-	-	-	-
Pittsburgh Institute of Aeronautics	-	240	240	-	-	-	-
Pittsburgh Technical Institute	-	226	226	-	-	-	-
PTC Career Institute	-	-	-	-	-	-	-
The Resturant School	-	12	12				
Schuylkill Business Institute	-	52	52	-	-	-	-
Shenango Valley School of Business - New Castle	-	27	27	-	-	-	-
Shenango Valley School of Business - Sharon	-	84	84				
South Hills Business School 2/	-	60	60	-	-	-	-
Tracey Warner School, Inc	-	23	23	-	-	-	-
Triangle Institute of Technology	-	159	159	-	-	-	-
Triangle Institute of Technology - DuBois	-	119	119	-	-	-	-
Triangle Institute of Technology - Erie	-	108	108	-	-	-	-
Triangle Institute of Technology - Greensburg	-	80	80	-	-	-	-
Triangle Institute of Technology - Uniontown	-	23	23	-	-	-	-
Welder Training and Testing Institute - Allentown	-	-	-	-	-	-	-
Welder Training and Testing Institute - Bridgeport	-	-	-	-	-	-	-
Welder Training and Testing Institute - Philadelphia	-	-	-	-	-	-	-
Welder Training and Testing Institute - Selinsgrove	-	-	-	-	-	-	-
Welder Training and Testing Institute - Wilkes-Barre	-	-	-	-	-	-	-
Williamson Free School of Mechanical Trades	-	42	42	-	-	-	-
Williamsport School of Commerce	-	67	67	-	-	-	-
Yorktowne Business Institute 2/	-	70	70	-	-	-	-
STATE SCHOOL OF TECHNOLOGY 3/ (1)	-	107	107	-	-	-	-
Thaddeus Stevens State School of Technology	-	107	107	-	-	-	-

---

1/ Includes estimates for nonresponding institutions.
2/ Estimated data.
3/ Includes degrees conferred in associate in specialized business (ASB) and associate in specialized technology (AST) programs only.

APPENDIX A

GLOSSARY

ASSOCIATE DEGREE--A degree based on at least two but less than four years of full-time college work.

BACHELOR'S DEGREE--A degree requiring four or five years of full-time college work.

DOCTOR'S DEGREE--A degree normally based on at least three years of graduate work beyond the bachelor's degree, usually granted as a Ph.D. in any field or, Doctor of Education, Doctor of Juridical Science, Doctor of Public Health, etc.

FIRST-PROFESSIONAL DEGREE--A degree based on at least six years of college work, usually granted in Dentistry, Law, Medicine, Theology, etc. It signifies completion of the academic requirements to begin practice in the profession.

MASTER'S DEGREE--A degree customarily based on at least one but not more than two full-time academic years of work beyond the bachelor's degree.

POSTSECONDARY CERTIFICATE--An award for programs based on less than four full-time academic years of work and in which the completer did not receive, nor is eligible for, an associate or bachelor's degree.

APPENDIX B

NONRESPONDING INSTITUTIONS

Antonelli Institute of Art and Photography - York
Combs College of Music
Lansdale School of Business - Lansdale
Lansdale School of Business - Pottstown
Lyons Technical Institute - Upper Darby
Median School of Allied Health Careers
National Education Center - Thompson Institute Campus - Harrisburg
Northeast Institute of Education
South Hills Business School
Yorktowne Business School

Higher Education Financial Statistics, 1984-85

EDUCATION
TODAY

Pennsylvania Department of Education

S6090-5.8-4

Higher Education Financial Statistics, 1984-85

Commonwealth of Pennsylvania
Robert P. Casey, Governor

Department of Education
Thomas K. Gilhool, Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

Division of Data Services
Roger G. Hummel, Chief
Compiled by: Gerald W. Hottinger, Educational Statistics Supervisor

August, 1987

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

The Pennsylvania Department of Education will not discriminate in its educational programs, activities, or employment practices, based on race, color, national origin, sex, age, religion, ancestry, handicap, union membership, or any other legally protected classification. Announcement of this policy is in accordance with state and federal laws, including Title IX of the Education Amendments of 1972, and Sections 503 and 504 of the Rehabilitation Act of 1973.

Employees and participants who have an inquiry or complaint of harassment or discrimination, or who need information about accommodations for handicapped persons, should contact Susan Mitchell, Affirmative Action Officer, Pennsylvania Department of Education, 333 Market Street, Harrisburg, PA 17126-0333 (717-787-1953).

HIGHLIGHTS

The 1984-85 data on financial statistics indicate that:

* current-funds revenues increased 8.7 percent since 1983-84 to $5,422,084,362.

* student tuition and fees represented 32.1 percent of all reported current-funds revenues while government appropriations represented 15.1 percent at reporting institutions.

* current-funds expenditures increased 8.2 percent since 1983-84 to $5,224,903,200.

* instruction accounted for 26.8 percent of all reported current-funds expenditures at reporting institutions.

* hospitals represented 19.1 percent of all reported current-funds revenues and 18.9 percent of all reported current-funds expenditures at reporting institutions.

* the value of physical plant fixed assets increased 7.2 percent during the fiscal year to $5,826,538,471 at reporting institutions.

* indebtedness on physical plant increased 16.7 percent during the fiscal year to $1,863,154,465 at reporting institutions.

* the market value of all endowment funds increased 25.4 percent to $2,340,305,433 by the end of the fiscal year at reporting institutions.

TABLE OF CONTENTS

Page

INTRODUCTION 1

APPENDIX A GLOSSARY 19

APPENDIX B NONRESPONDING INSTITUTIONS 20

TABLES

Table Page

1. Current-Funds Revenues by Institutional Control, 1975-76 Through 1984-85. 2

2. Percent of Current-Funds Revenues by Source, 1975-76 Through 1984-85. 4

3. Current-Funds Expenditures by Institutional Control, 1975-76 Through 1984-85. 6

4. Percent of Current-Funds Expenditures by Function, 1975-76 Through 1984-85. 8

5. Current-Funds Revenues by Source by Institutional Category, 1984-85. 10

6. Total Current-Funds Revenues by Source, 1981-82 Through 1984-85. 12

7. Total Current-Funds Expenditures by Function, 1981-82 Through 1984-85. 13

8. Current-Funds Expenditures by Function by Institutional Category, 1984-85. 14

9. Physical Plant Asset Values by Type of Asset by Institutional Category, 1984-85. 16

10. Indebtedness on Physical Plant for Fiscal Year Ending 1985 by Institutional Category 17

11. Statement of Changes in Endowment Funds by Book and Market Value and Institutional Category for Fiscal Year Ending 1985 17

12. Statement of Changes in Fund Balances for Fiscal Year Ending 1985 by Type of Fund by Institutional Category 18

FIGURES

Figure Page

1. Percent Increase in Current-Funds Revenues by Institutional Control, 1975-76 Through 1984-85 3

2. Current-Funds Revenues by Source 5

3. Percent Increase in Current-Funds Expenditures by Institutional Control, 1975-76 Through 1984-85 7

4. Current-Funds Expenditures by Function, 1984-85 9

INTRODUCTION

"Higher Education Financial Statistics, 1984-85" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects the most recent year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (phone 717-787-2644).

Sources: Financial Statistics of Institutions of Higher Education for Fiscal Year Ending 1985 (ED 2300-4)

Financial Statistics, Fiscal Year Ending 1985 (PDE-2020)

TABLE 1

CURRENT-FUNDS REVENUES BY INSTITUTIONAL CONTROL, 1975-76 THROUGH 1984-85 1/

(In Millions of Dollars)

	Total	Public	Private
1975-76	$2 195.4	$1 080.7	$1 114.7
1976-77	2 363.1	1 148.4	1 214.7
1977-78	2 570.0	1 217.8	1 352.2
1978-79	2 823.2	1 294.7	1 528.5
1979-80	3 184.9	1 429.5	1 755.4
1980-81	3 592.7	1 575.1	2 017.6
1981-82	4 028.0	1 733.3	2 294.7
1982-83 2/	4 568.0	1 970.7	2 597.3
1983-84 2/	4 986.3	2 126.2	2 860.1
1984-85 2/	5 422.1	2 312.1	3 110.0

1/ Includes estimated data for the nonresponding institutions.
2/ Includes Pell Grants.

A major change in data reporting took place in 1982-83. This change involved the reporting of Pell Grants under current-funds revenues and expenditures. Prior to that year, Pell Grants were treated as agency funds and were not reported on the survey.

On a year-to-year basis, the increase for each of the past five years has been 12.8, 12.1, 13.4, 9.2, and 8.7 percent. However, with Pell Grants removed, the last three percents change to 10.8, 9.0, and 8.9 respectively. Disbursement of 1984-85 Pell Grants was $72,853,048 by public institutions and $50,380,017 by private institutions. Of the 1983-84 Pell Grant total, $70,737,481 was disbursed by public institutions and $50,795,022 by private institutions while the grants for 1982-83 were $62,239,738 for public and $42,382,628 for private institutions.

FIGURE 1

PERCENT INCREASE IN CURRENT-FUNDS REVENUES BY INSTITUTIONAL CONTROL, 1975-76 THROUGH 1984-85

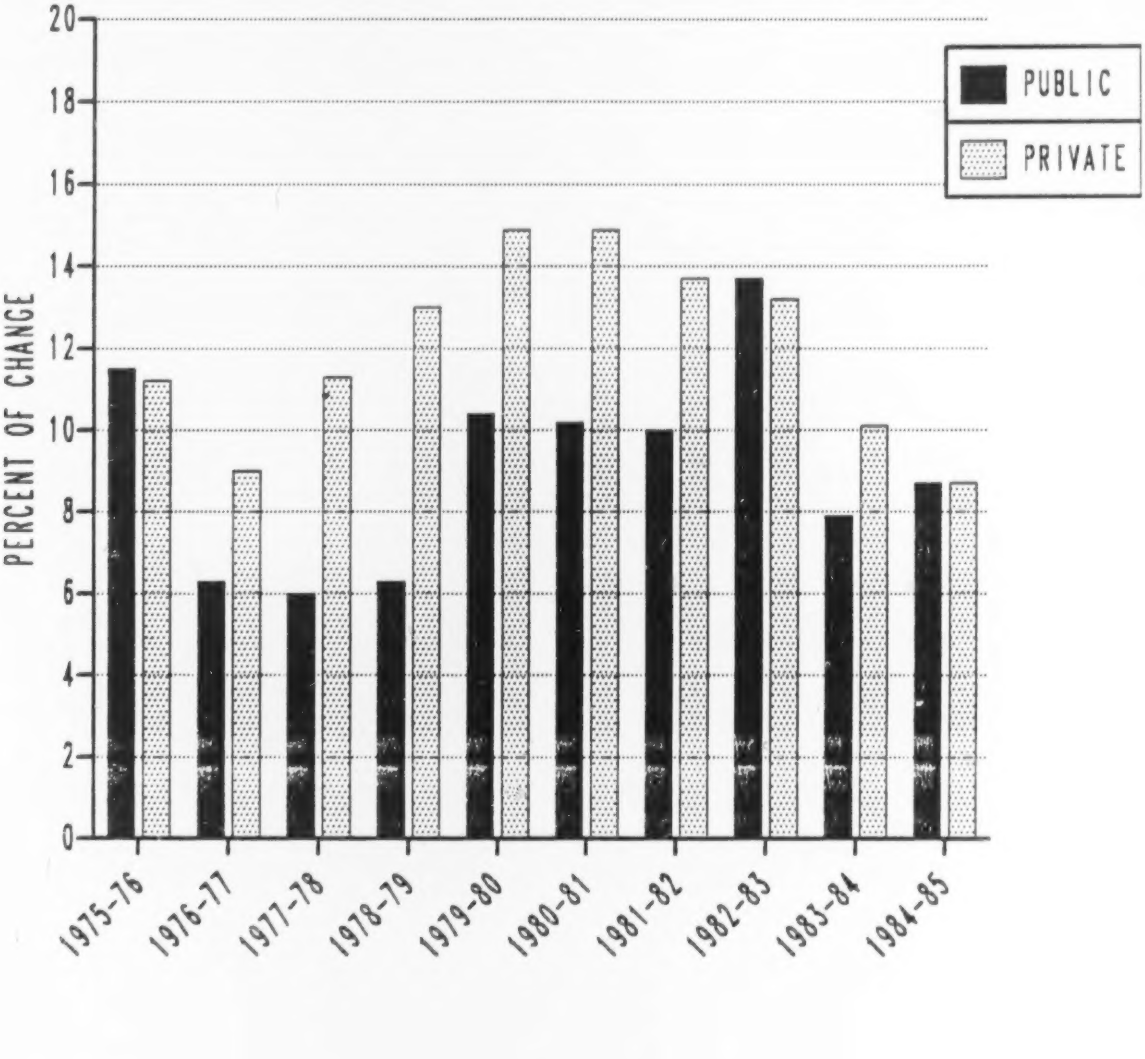


TABLE 2

PERCENT OF CURRENT-FUNDS REVENUES BY SOURCE, 1975-76 THROUGH 1984-85

	Total	Tuition and Fees	Government	Auxiliary Enterprises	Other
1975-76	100.0	30.1	34.9	11.3	23.7
1976-77	100.0	30.5	33.7	11.6	24.2
1977-78	100.0	31.1	32.5	11.5	24.9
1978-79	100.0	31.4	31.4	11.4	25.8
1979-80	100.0	31.1	30.4	11.0	27.5
1980-81	100.0	31.5	28.9	11.2	28.4
1981-82	100.0	32.5	26.5	11.2	29.8
1982-83 1/	100.0	32.5	26.8	11.1	29.6
1983-84 1/	100.0	32.6	26.3	10.9	30.2
1984-85 1/	100.0	32.1	26.3	10.9	30.7

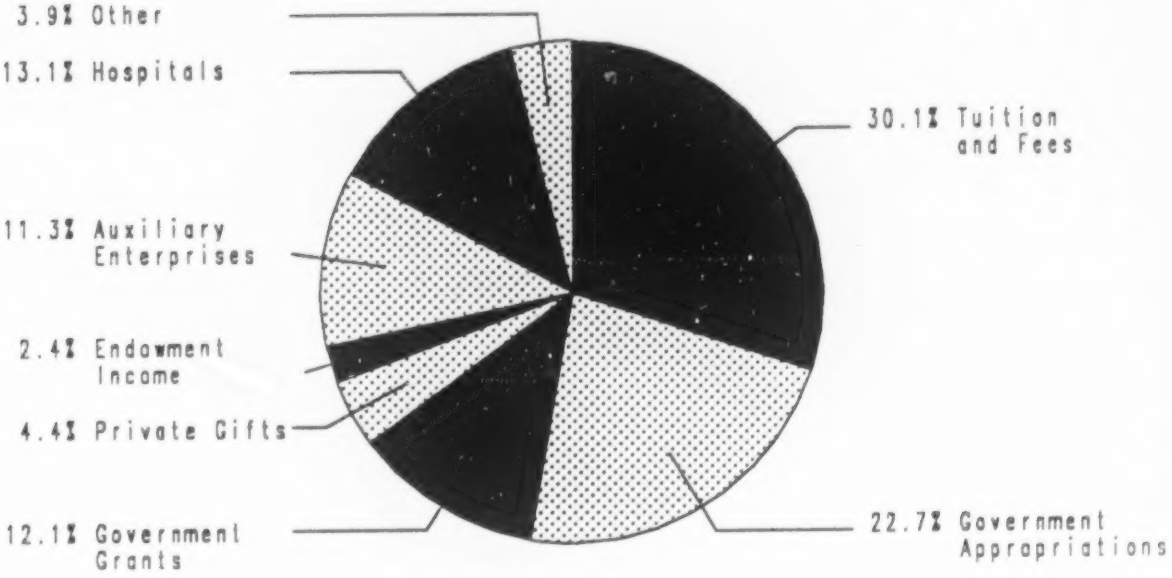
1/ Includes Pell Grants.

For the reporting institutions, tuition and fees and government funds continue to be the main sources of current-funds revenues. Government funds include government appropriations, grants, and contracts at the federal, state, and local levels. Although the actual dollar amount increased, government funds accounted for a smaller percentage of total current-funds revenues in seven of the last nine years.

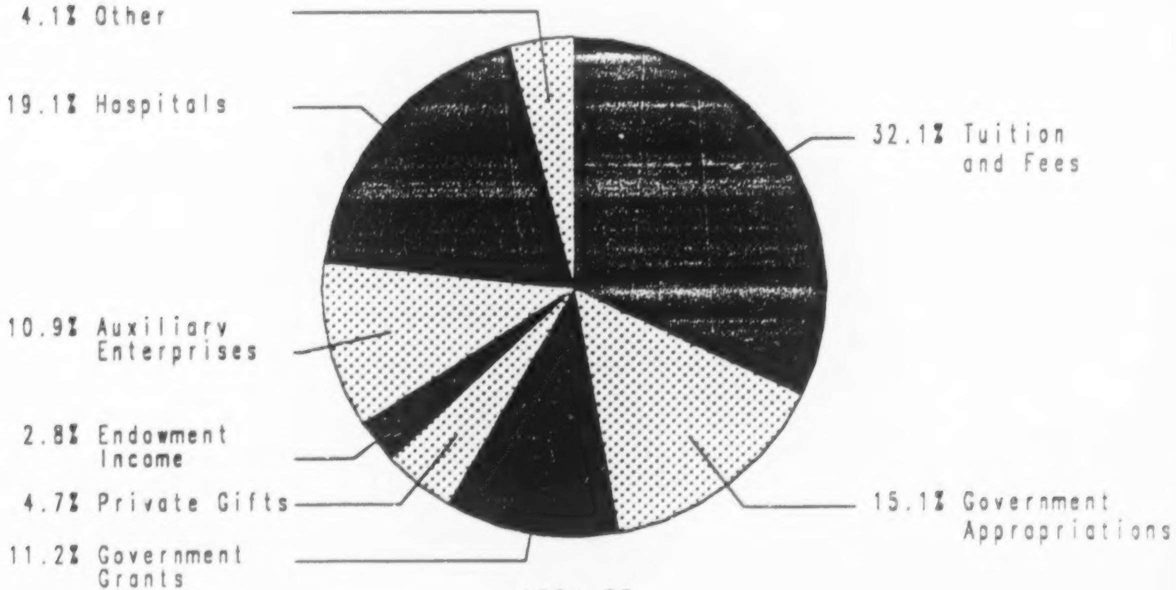
The column labeled "other" increased by 0.6 percent in 1983-84 and again by 0.5 percent in 1984-85 after the minor decrease in 1982-83. The 1982-83 decrease was the only decrease in the past nine years. "Other" includes sales and services of educational activities, sales and services of hospitals, independent operations, and other sources not covered elsewhere.

FIGURE 2

CURRENT-FUNDS REVENUES BY SOURCE



1975-76



1984-85

TABLE 3

CURRENT-FUNDS EXPENDITURES BY INSTITUTIONAL CONTROL, 1975-76 THROUGH 1984-85 1/

(In Millions of Dollars)

	Total	Public	Private
1975-76	$2 167.4	$1 067.6	$1 099.8
1976-77	2 335.7	1 137.1	1 198.6
1977-78	2 538.1	1 204.0	1 334.1
1978-79	2 761.8	1 277.5	1 484.3
1979-80	3 090.0	1 398.9	1 691.1
1980-81	3 496.0	1 544.6	1 951.4
1981-82	3 914.6	1 701.9	2 212.7
1982-83 2/	4 449.1	1 934.1	2 515.0
1983-84 2/	4 831.1	2 075.0	2 756.1
1984-85 2/	5 224.9	2 228.6	2 996.3

1/ Includes estimated data for the nonresponding institutions.
2/ Includes Pell Grants.

The total current-funds expenditures increased by 141.1 percent from 1975-76 to 1984-85. Over the same period, current-funds expenditures at the private institutions increased by nearly $1.9 billion or 172.4 percent. By comparison, the increase at the public institutions was only 108.7 percent. The increase from 1983-84 to 1984-85 was 7.4 percent for the public sector compared with 8.7 percent for the private sector.

FIGURE 3

PERCENT INCREASE IN CURRENT-FUNDS EXPENDITURES
BY INSTITUTIONAL CONTROL, 1975-76 THROUGH 1984-85

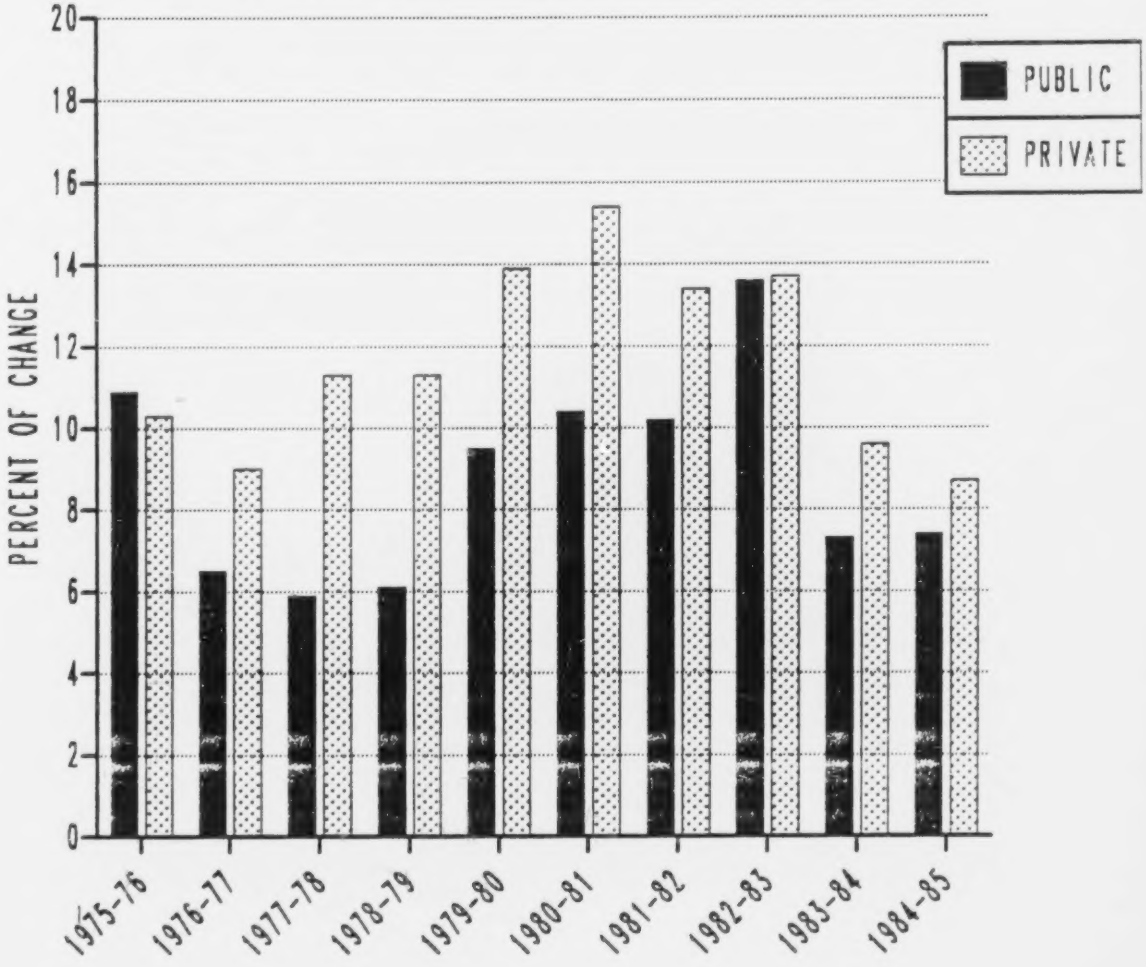


TABLE 4

PERCENT OF CURRENT-FUNDS EXPENDITURES BY FUNCTION,
1975-76 THROUGH 1984-85

	Total	Educational and General	Auxiliary Enterprises	Other
1975-76	100.0	74.4	11.2	14.4
1976-77	100.0	74.4	11.2	14.4
1977-78	100.0	73.6	11.1	15.3
1978-79	100.0	73.1	11.1	15.8
1979-80	100.0	72.8	10.9	16.3
1980-81	100.0	71.4	10.8	17.8
1981-82	100.0	70.7	10.5	18.8
1982-83 1/	100.0	70.1	10.3	19.6
1983-84 1/	100.0	70.1	10.3	19.6
1984-85 1/	100.0	70.3	10.4	19.3

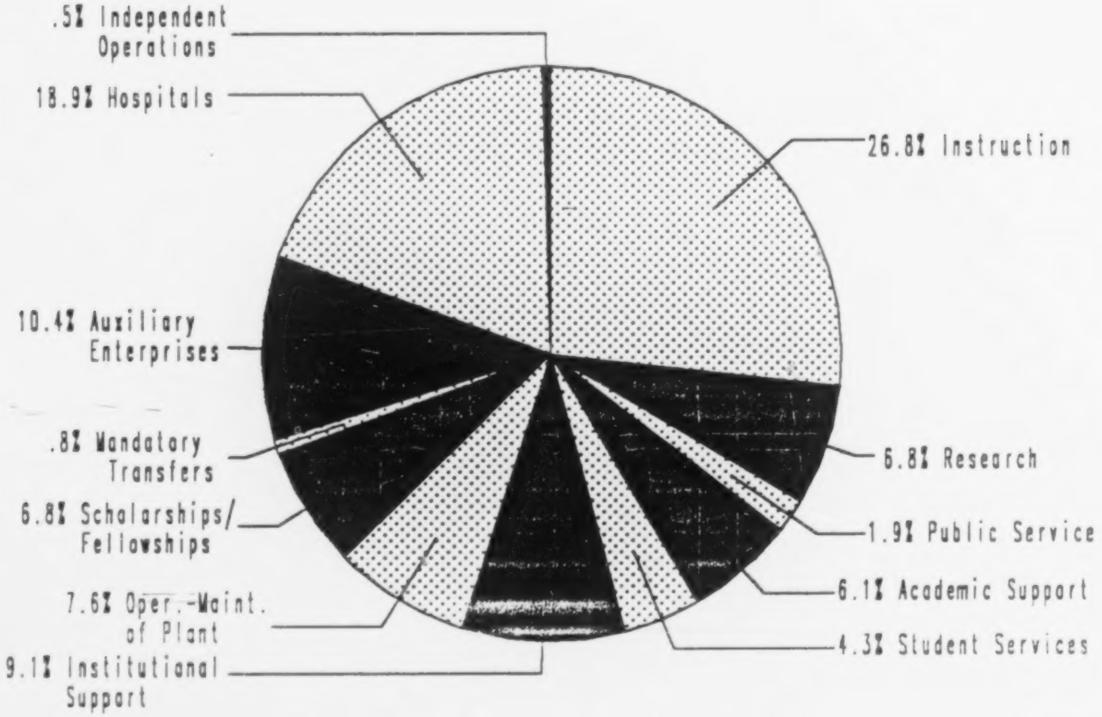
1/ Includes Pell Grants.

As a percentage of the total current-funds expenditures, educational and general and auxiliary enterprises showed increases from 1983-84 to 1984-85.

Although current-funds expenditures identified as educational and general increased each year from 1975-76 through 1984-85, they comprised a decreasingly smaller percentage of the yearly total current-funds expenditures until 1984-85. Educational and general includes expenditures for instruction, research, public service, academic support, student services, institutional support, operation and maintenance of plant, scholarships and fellowships, and educational and general mandatory transfers. The function of auxiliary enterprises also comprised a decreasingly smaller percentage of the yearly total during that period until 1984-85. The function listed as "other" includes expenditures for hospitals and independent operations. The substantial rise in expenditures for hospitals over the ten-year period accounts for the percentage increase of the "other" function.

FIGURE 4

CURRENT-FUNDS EXPENDITURES BY FUNCTION, 1984-85



TABLE

CURRENT-FUNDS REVENUES BY SOURCE

	All Institutions	State Universities	State-Related Commonwealth Universities	Community Colleges	Private State-Aided Institutions
TOTAL, ALL INSTITUTIONS 1/	$5 422 084 362	$499 261 536	$1 555 508 572	$257 364 508	$1 552 324 268
TOTAL, REPORTING INSTITUTIONS	$5 386 374 362	$499 261 536	$1 555 508 572	$257 364 508	$1 552 324 268
Number Reporting	213	14	4	14	12
Student Tuition and Fees	$1 728 511 768	$130 179 481	$ 375 829 328	$ 72 081 945	$ 311 192 699
Governmental Appropriations	$ 814 786 042	$248 711 728	$ 380 958 537	$121 599 357	$ 59 695 580
Federal Government	17 139 802	-	16 829 312	126 939	183 551
State Government	748 439 982	248 711 728	364 129 225	72 324 410	59 453 779
Local Government	49 206 258	-	-	49 148 008	58 250
Government Grants and Contracts	$ 605 149 330	$ 40 235 675	$ 214 435 542	$ 38 077 954	$ 159 346 085
Federal Government	$ 514 171 162	$ 33 549 615	$ 178 940 737	$ 33 024 887	$ 152 705 228
Unrestricted	86 434 317	261 532	31 169 585	521 837	43 159 591
Restricted	427 736 845	33 288 083	147 771 152	32 503 050	109 545 637
Pell Grants	123 233 065	24 661 480	29 108 495	19 083 073	5 501 986
Other	304 503 780	8 626 603	118 662 657	13 419 977	104 043 651
State Government	$ 84 716 840	$ 6 092 704	$ 31 760 204	$ 4 650 807	$ 6 083 856
Unrestricted	10 856 708	52 766	1 219 608	39 042	423 328
Restricted	73 860 132	6 039 938	30 540 596	4 611 765	5 660 528
Local Government	$ 6 261 328	$ 593 356	$ 3 734 601	$ 402 260	$ 557 001
Unrestricted	578 561	304 037	155 701	-	24 319
Restricted	5 682 767	289 319	3 578 900	402 260	532 682
Private Gifts	$ 250 711 662	$ 1 046 969	$ 60 714 223	$ 837 949	$ 67 489 307
Unrestricted	90 387 182	310 310	6 628 382	453 211	14 384 849
Restricted	160 324 480	736 659	54 085 841	384 738	53 104 458
Endowment Income	$ 150 952 394	$ -	$ 27 088 820	$ 17 322	$ 38 739 268
Unrestricted	88 560 071	-	16 842 220	-	20 461 939
Restricted	62 392 323	-	10 246 600	17 322	18 277 329
Sales and Services of Educational Activities	$ 62 497 911	$ 3 084 682	$ 29 255 425	$ 26 465	$ 26 018 489
Auxiliary Enterprises	$ 585 533 629	$ 61 189 375	$ 190 101 147	$ 14 631 859	$ 76 378 778
Hospitals	$1 029 175 563	$ -	$ 249 566 518	$ -	$ 776 599 175
Other Sources	$ 134 509 337	$ 14 813 626	$ 11 446 215	$ 10 091 657	$ 28 430 978
Independent Operations	$ 24 546 726	$ -	$ 16 112 817	$ -	$ 8 433 909
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 35 710 000	$ -	$ -	$ -	$ -

1/ Includes estimated data for the nonresponding institutions.

5

BY INSTITUTIONAL CATEGORY, 1984-85

Private Colleges and Universities	Theological Seminaries	Private Junior Colleges	Specialized Associate Degree-Granting Institutions and State School of Technology	
$1 364 174 173	$ 22 282 176	$ 36 518 175	$134 650 954	TOTAL, ALL INSTITUTIONS 1/
$1 331 794 173	$ 22 012 176	$ 35 778 175	$132 330 954	TOTAL, REPORTING INSTITUTIONS
75	15	8	71	Number Reporting
$ 719 628 325	$ 5 148 694	$ 18 236 189	$ 96 215 107	Student Tuition and Fees
$ 5 840	$ -	$ -	$ 3 815 000	Governmental Appropriations
-	-	-	-	Federal Government
5 840	-	-	3 815 000	State Government
-	-	-	-	Local Government
$ 130 624 139	$ 23 724	$ 6 405 910	$ 16 000 301	Government Grants and Contracts
$ 97 342 442	$ 23 724	$ 3 910 114	$ 14 674 415	Federal Government
11 312 608	-	9 164	-	Unrestricted
86 029 834	23 724	3 900 950	14 674 415	Restricted
27 771 453	10 575	2 729 131	14 366 872	Pell Grants
58 258 381	13 149	1 171 819	307 543	Other
$ 32 307 587	$ -	$ 2 495 796	$ 1 325 886	State Government
8 392 399	-	536 845	192 720	Unrestricted
23 915 188	-	1 958 951	1 133 166	Restricted
$ 974 110	$ -	$ -	$ -	Local Government
94 504	-	-	-	Unrestricted
879 606	-	-	-	Restricted
$ 109 762 685	$ 9 586 868	$ 1 028 118	$ 245 543	Private Gifts
59 461 788	8 105 334	862 454	180 854	Unrestricted
50 300 897	1 481 534	165 664	64 689	Restricted
$ 78 208 381	$ 4 119 018	$ 1 052 680	$ 1 726 905	Endowment Income
45 529 328	3 262 012	857 879	1 606 693	Unrestricted
32 679 053	857 006	194 801	120 212	Restricted
$ 2 905 202	$ 26 450	$ -	$ 1 181 198	Sales and Services of Educational Activities
$ 226 264 223	$ 2 396 523	$ 6 526 266	$ 8 045 458	Auxiliary Enterprises
$ -	$ -	$ -	$ 3 009 870	Hospitals
$ 64 395 378	$ 710 899	$ 2 529 012	$ 2 091 572	Other Sources
$ -	$ -	$ -	$ -	Independent Operations
$ 32 380 000	$ 270 000	$ 740 000	$ 2 320 000	TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)

TABLE 6

TOTAL CURRENT-FUNDS REVENUES BY SOURCE, 1981-82 THROUGH 1984-85

	1981-82	1982-83	1983-84	1984-85
TOTAL, ALL INSTITUTIONS 1/	$4 028 043 706	$4 567 967 367	$4 986 292 045	$5 422 084 362
TOTAL, REPORTING INSTITUTIONS	$4 006 673 706	$4 542 287 367	$4 951 062 045	$5 386 374 362
Number Reporting	199	202	209	213
Student Tuition and Fees	$1 300 947 625	$1 476 730 266	$1 612 482 351	$1 728 511 768
Governmental Appropriations	$ 664 265 142	$ 710 666 467	$ 755 663 142	$ 814 786 042
Federal Government	15 990 340	15 865 231	15 803 623	17 139 802
State Government	611 164 348	651 543 306	693 951 294	748 439 982
Local Government	37 110 454	43 257 930	45 908 225	49 206 258
Government Grants and Contracts	$ 398 010 210	$ 504 963 630	$ 546 609 490	$ 605 149 330
Federal Government	$ 329 507 198	$ 430 676 708	$ 474 959 631	$ 514 171 162
Unrestricted	66 930 848	70 115 890	77 791 890	86 434 317
Restricted	262 576 350	360 560 818 2/	397 167 741 3/	427 736 845 4/
State Government	$ 54 653 802	$ 65 293 839	$ 65 569 420	$ 84 716 840
Unrestricted	9 496 013	11 310 354	10 687 519	10 856 708
Restricted	45 157 789	53 983 485	54 881 901	73 860 132
Local Government	$ 13 849 210	$ 8 993 083	$ 6 080 439	$ 6 261 328
Unrestricted	1 745 958	1 130 956	589 607	578 561
Restricted	12 103 252	7 862 127	5 490 832	5 682 767
Private Gifts	$ 185 154 623	$ 191 591 745	$ 225 032 346	$ 250 711 662
Unrestricted	67 588 271	71 574 373	78 945 120	90 387 182
Restricted	117 566 352	120 017 372	146 087 226	160 324 480
Endowment Income	$ 110 570 108	$ 115 384 988	$ 130 502 301	$ 150 952 394
Unrestricted	66 672 177	67 049 552	72 228 161	88 560 071
Restricted	43 897 931	48 335 436	58 274 140	62 392 323
Sales and Services of Educational Activities	$ 50 547 214	$ 55 537 450	$ 61 947 817	$ 62 497 911
Auxiliary Enterprises	$ 447 629 251	$ 503 105 453	$ 542 168 366	$ 585 533 629
Hospitals	$ 721 896 727	$ 863 795 956	$ 941 013 443	$1 029 175 563
Other Sources	$ 98 700 816	$ 97 757 968	$ 112 180 926	$ 134 509 337
Independent Operations	$ 28 951 990	$ 22 753 444	$ 23 461 863	$ 24 546 726
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 21 370 000	$ 25 680 000	$ 35 230 000	$ 35 710 000

1/ Includes estimated data for the nonresponding instituions.
2/ Includes $104,622,366 of Pell Grants.
3/ Includes $121,532,503 of Pell Grants.
4/ Includes $123,233,065 of Pell Grants.

TABLE 7

TOTAL CURRENT-FUNDS EXPENDITURES BY FUNCTION, 1981-82 THROUGH 1984-85

	1981-82	1982-83	1983-84	1984-85
TOTAL, ALL INSTITUTIONS 1/	$3 914 618 122	$4 449 122 825	$4 831 128 248	$5 224 903 200
TOTAL, REPORTING INSTITUTIONS	$3 893 678 122	$4 423 902 825	$4 796 678 248	$5 189 503 200
Number Reporting	199	202	209	213
Educational and General Expenditures	$2 751 079 074	$3 099 587 007	$3 360 659 204	$3 648 847 263
Instruction	1 108 523 093	1 213 657 028	1 296 568 162	1 393 363 192
Research	254 631 195	273 716 868	311 773 097	352 826 227
Public Service	88 024 535	91 161 306	93 388 855	100 774 991
Academic Support	$ 252 778 258	$ 276 285 698	$ 293 703 093	$ 318 694 718
Libraries	89 247 954	98 232 576	105 004 271	111 570 002
Other	163 530 304	178 053 122	188 698 822	207 124 716
Student Services	165 882 259	181 528 588	202 752 512	224 486 363
Institutional Support	357 712 559	400 225 397	439 862 274	472 179 534
Operation and Maintenance of Plant	328 760 766	347 982 012	370 709 524	393 327 164
Scholarships and Fellowships	$ 157 495 182	$ 274 282 404	$ 310 367 116	$ 350 493 497
Awards from Unrestricted Funds	81 928 258	96 694 028	110 539 380	131 606 055
Awards from Restricted Funds	75 566 924	177 588 376 2/	199 827 736 3/	218 887 442 4/
Educational and General Mandatory Transfers	37 271 227	40 747 706	41 534 571	42 701 577
Auxiliary Enterprises	$ 410 344 269	$ 458 033 085	$ 495 408 013	$ 537 208 069
Hospitals	$ 703 655 308	$ 843 604 075	$ 917 256 528	$ 978 879 954
Independent Operations	$ 28 599 471	$ 22 678 658	$ 23 354 503	$ 24 567 914
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 20 940 000	$ 25 220 000	$ 34 450 000	$ 35 400 000

1/ Includes estimated data for the nonresponding instituions.
2/ Includes $104,622,366 of Pell Grants.
3/ Includes $121,532,503 of Pell Grants.
4/ Includes $123,233,065 of Pell Grants.

TABLE

CURRENT-FUNDS EXPENDITURES BY FUNCTION

	All Institutions	State Universities	State-Related Commonwealth Universities	Community Colleges	Private State-Aided Institutions
TOTAL, ALL INSTITUTIONS 1/	$5 224 903 200	$488 423 711	$1 484 633 827	$255 554 684	$1 519 165 396
TOTAL, REPORTING INSTITUTIONS	$5 189 503 200	$488 423 711	$1 484 633 827	$255 554 684	$1 519 165 396
Number Reporting	213	14	4	14	12
Educational and General Expenditures	$3 648 847 263	$433 457 982	$1 057 967 696	$242 333 757	$ 691 418 251
Instruction	1 393 363 192	182 567 111	414 477 793	113 009 856	252 100 814
Research	352 826 227	905 937	156 978 869	-	126 275 382
Public Service	100 774 991	7 349 172	56 415 392	919 555	26 442 834
Academic Support	$ 318 694 718	$ 55 149 581	$ 109 042 242	$ 20 346 444	$ 43 773 342
Libraries	111 570 002	17 196 645	29 606 958	8 237 467	16 888 325
Other	207 124 716	37 952 936	79 435 284	12 108 977	26 885 017
Student Services	224 486 363	29 550 178	46 345 766	20 297 896	24 662 518
Institutional Support	472 179 534	62 986 878	93 987 608	34 873 979	80 462 747
Operation and Maintenance of Plant	393 327 164	66 158 836	103 052 639	24 372 182	66 614 184
Scholarships and Fellowships	$ 350 493 497	$ 28 652 063	$ 73 727 683	$ 24 671 994	$ 62 232 566
Awards from Unrestricted Funds	131 606 055	1 742 417	27 127 607	256 571	30 637 981
Awards from Restricted Funds	218 887 442	26 909 646	46 600 076	24 415 423	31 594 585
Pell Grants	123 233 065	24 661 480	29 108 495	19 083 073	5 501 986
Other	95 654 377	2 248 166	17 491 581	5 332 350	26 092 599
Educational and General Mandatory Transfers	42 701 577	138 226	3 939 704	3 841 851	8 853 864
Auxiliary Enterprises	$ 537 208 069	$ 54 965 729	$ 174 037 948	$ 13 220 927	$ 79 020 707
Hospitals	$ 978 879 954	$ -	$ 236 515 366	$ -	$ 740 271 341
Independent Operations	$ 24 567 914	$ -	$ 16 112 817	$ -	$ 8 455 097
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 35 400 000	$ -	$ -	$ -	$ -

1/ Includes estimated data for the nonresponding institutions.

8

BY INSTITUTIONAL CATEGORY, 1984-85

Private Colleges and Universities	Theological Seminaries	Private Junior Colleges	Specialized Associate Degree-Granting Institutions and State School of Technology	
$1 297 887 331	$22 272 406	$35 760 566	$121 205 279	TOTAL, ALL INSTITUTIONAL 1/
$1 265 687 331	$22 042 406	$34 940 566	$119 055 279	TOTAL, REPORTING INSTITUTIONS
75	15	8	71	Number Reporting
$1 063 920 252	$18 588 281	$29 752 636	$111 408 408	Educational and General Expenditures
384 068 441	6 302 108	8 850 309	31 986 760	Instruction
68 662 638	3 401	-	-	Research
8 657 729	233 787	755 022	1 500	Public Service
$ 85 420 379	$ 2 158 002	$ 1 123 998	$ 1 680 730	Academic Support
36 784 366	1 558 909	889 628	407 704	Libraries
48 636 013	599 093	234 370	1 273 026	Other
84 812 301	872 647	3 447 406	14 497 651	Student Services
156 285 625	4 787 424	6 955 309	31 839 964	Institutional Support
110 310 862	2 631 218	3 367 372	16 819 871	Operation and Maintenance of Plant
$ 140 077 517	$ 1 496 259	$ 5 053 483	$ 14 581 932	Scholarships and Fellowships
70 381 313	749 180	699 986	11 000	Awards from Unrestricted Funds
69 696 204	747 079	4 353 497	14 570 932	Awards from Restricted Funds
27 771 453	10 575	2 729 131	14 366 872	Pell Grants
41 924 751	736 504	1 624 366	204 060	Other
25 624 760	103 435	199 737	-	Educational and General Mandatory Transfers
$ 201 767 079	$ 3 454 125	$ 5 187 930	$ 5 553 624	Auxiliary Enterprises
$ -	$ -	$ -	$ 2 093 247	Hospitals
$ -	$ -	$ -	$ -	Independent Operations
$ 32 200 000	$ 230 000	$ 820 000	$ 2 150 000	TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)

TABLE 9

PHYSICAL PLANT ASSET VALUES BY TYPE OF ASSET BY INSTITUTIONAL CATEGORY, 1984-85

	Total Assets	Land	Buildings	Equipment
TOTAL, REPORTING INSTITUTIONS (203)				
Book Value Beginning of Year	$5 432 799 825	$ 227 089 082	$3 990 750 205	$1 214 960 538
Additions During Year	482 376 987	18 984 123	269 230 778	194 162 086
Deductions During Year	88 638 341	535 155	26 913 703	61 189 483
Book Value End of Year	5 826 538 471	245 538 050	4 233 067 280	1 347 933 141
Current Replacement Value	11 374 153 470	-	11 374 153 470	-
STATE UNIVERSITIES (14)				
Book Value Beginning of Year	617 251 572	26 899 802	487 850 309	102 501 461
Additions During Year	26 252 016	2 783 000	11 033 995	12 435 021
Deductions During Year	5 089 459	-	-	5 089 459
Book Value End of Year	638 414 129	29 682 802	498 884 304	109 847 023
Current Replacement Value	1 388 298 070	-	1 388 298 070	-
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)				
Book Value Beginning of Year	1 485 107 477	37 031 111	1 142 583 618	305 492 748
Additions During Year	88 908 936	1 394 269	38 485 916	49 028 751
Deductions During Year	17 017 406	-	2 218 103	14 799 303
Book Value End of Year	1 556 999 007	38 425 380	1 178 851 431	339 722 196
Current Replacement Value	2 750 807 659	-	2 750 807 659	-
COMMUNITY COLLEGES (14)				
Book Value Beginning of Year	294 369 015	17 537 478	199 453 705	77 377 832
Additions During Year	74 770 323	5 125 993	53 672 345	15 971 985
Deductions During Year	7 106 355	-	83 963	7 022 392
Book Value End of Year	362 032 983	22 663 471	253 042 087	86 327 425
Current Replacement Value	461 118 483	-	461 118 483	-
PRIVATE STATE-AIDED INSTITUTIONS (12)				
Book Value Beginning of Year	1 021 700 008	53 087 549	704 256 447	264 356 012
Additions During Year	113 366 552	1 190 959	56 783 391	55 392 202
Deductions During Year	38 304 671	-	19 830 812	18 473 859
Book Value End of Year	1 096 761 889	54 278 508	741 209 026	301 274 355
Current Replacement Value	2 865 728 931	-	2 865 728 931	-
PRIVATE COLLEGES AND UNIVERSITIES (75)				
Book Value Beginning of Year	1 856 453 657	84 354 754	1 345 741 930	426 356 973
Additions During Year	171 004 451	8 260 945	105 637 407	57 106 099
Deductions During Year	19 512 283	478 319	4 149 826	14 884 138
Book Value End of Year	2 007 945 825	92 137 380	1 447 229 511	468 578 934
Current Replacement Value	3 611 428 001	-	3 611 428 001	-
THEOLOGICAL SEMINARIES (14)				
Book Value Beginning of Year	68 451 685	3 048 707	54 263 682	11 139 296
Additions During Year	906 016	34 769	490 090	381 157
Deductions During Year	72 696	6 250	7 067	59 379
Book Value End of Year	69 285 005	3 077 226	54 746 705	11 461 074
Current Replacement Value	145 306 970	-	145 306 970	-
PRIVATE JUNIOR COLLEGES (8)				
Book Value Beginning of Year	36 721 599	2 368 670	25 196 088	9 156 841
Additions During Year	2 312 171	19 071	1 094 711	1 198 389
Deductions During Year	13 450	-	-	13 450
Book Value End of Year	39 020 320	2 387 741	26 290 799	10 341 780
Current Replacement Value	80 155 448	-	80 155 448	-
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS AND STATE SCHOOL OF TECHNOLOGY (62)				
Book Value Beginning of Year	52 744 812	2 761 011	31 404 426	18 579 375
Additions During Year	4 856 522	175 117	2 032 923	2 648 482
Deductions During Year	1 522 021	50 586	623 932	847 503
Book Value End of Year	56 079 313	2 885 542	32 813 417	20 380 354
Current Replacement Value	71 309 908	-	71 309 908	-

TABLE 10

INDEBTEDNESS ON PHYSICAL PLANT FOR FISCAL YEAR ENDING 1985 BY INSTITUTIONAL CATEGORY

	Balanced Owed on Principal Beginning of Year	Additional Principal Borrowed During the Year	Payments Made on Principal During the Year	Balance Owed on Principal at End of Year	Interest Payments on Physical Plant Indebtedness
TOTAL, REPORTING INSTITUTIONS (123)	$1 596 365 881	$415 249 452	$148 460 868	$1 863 154 465	$92 918 463
State Universities (1)	-	4 700 000	126 883	4 573 117	68 610
State-Related Commonwealth Universities (4)	332 820 593	143 590 959	32 259 999	444 151 553	14 458 882
Community Colleges (13)	120 203 179	12 761 263	6 763 210	126 201 232	9 607 971
Private State-Aided Institutions (12)	580 796 420	160 607 465	48 106 121	693 297 764	28 161 035
Private Colleges and Universities (71)	548 089 084	91 565 418	59 747 752	579 906 750	39 645 058
Theological Seminaries (5)	733 116	90 930	33 294	790 752	86 395
Private Junior Colleges (7)	10 966 675	1 773 000	1 067 006	11 672 669	603 342
Specialized Associate Degree-Granting Institutions and State School of Technology (10)	2 756 814	160 417	356 603	2 560 628	287 170

TABLE 11

STATEMENT OF CHANGES IN ENDOWMENT FUNDS BY BOOK AND MARKET VALUE AND INSTITUTIONAL CATEGORY FOR FISCAL YEAR ENDING 1985

	Value of Endowment at the Beginning of the Fiscal Year	Value of Endowment at the End of the Fiscal Year	Endowment Yield
TOTAL, REPORTING INSTITUTIONS (117)			$ 151 592 543
Book Value	$1 773 636 907	$1 995 632 288	
Market Value	1 866 948 899	2 340 305 433	
State Universities (2)			33 787
Book Value	197 381	201 063	
Market Value	378 435	493 472	
State-Related Commonwealth Universities (4)			14 860 325
Book Value	185 078 166	215 737 368	
Market Value	189 686 464	242 332 013	
Community Colleges (6)			112 952
Book Value	1 491 876	1 194 899	
Market Value	1 501 439	1 194 899	
Private State-Aided Institutions (12)			46 892 454
Book Value	461 068 941	512 836 576	
Market Value	481 641 902	628 030 700	
Private Colleges and Universities (72)			82 902 512
Book Value	1 055 455 391	1 186 681 190	
Market Value	1 116 127 274	1 371 432 234	
Theological Seminaries (11)			4 267 635
Book Value	47 488 193	54 721 335	
Market Value	52 520 559	66 585 255	
Private Junior Colleges (7)			820 427
Book Value	8 347 467	8 155 400	
Market Value	8 830 527	9 391 282	
Specialized Associate Degree-Granting Institutions and State School of Technology (3)			1 702 451
Book Value	14 509 492	16 104 257	
Market Value	16 262 299	20 845 578	

TABLE 12

STATEMENT OF CHANGES IN FUND BALANCES FOR FISCAL YEAR ENDING 1985 BY TYPE OF FUND BY INSTITUTIONAL CATEGORY

	Total All Funds	Current Funds	Loan Funds	Endowment Funds	Annuity and Life Income Funds	Plant Funds
TOTAL, REPORTING INSTITUTIONS						
Additions	$6 223 788 738	$5 442 920 918	$ 30 059 788	$ 190 741 788	$22 954 375	$ 537 111 869
Deductions	5 516 090 403	5 099 912 393	21 040 370	7 955 470	10 558 971	376 623 199
Total Transfers In/(Out)	-	(248 652 001)	2 540 699	39 814 770	(311 853)	206 608 385
Net Increase/(Decrease)	707 698 335	94 356 524	11 560 117	222 601 088	12 083 551	367 097 055
Fund Balance Beginning of Year	6 714 536 359	465 834 058	290 154 378	1 764 627 172	43 653 151	4 150 267 600
Fund Balance End of Year	7 422 234 694	560 190 582	301 714 495	1 987 228 260	55 736 702	4 517 364 655
STATE UNIVERSITIES						
Additions	511 084 335	498 035 394	9 349 359	20 000	-	3 679 582
Deductions	497 919 111	488 648 587	9 033 160	-	-	237 364
Total Transfers In/(Out)	-	(136 311)	-	-	-	136 311
Net Increase/(Decrease)	13 165 224	9 250 496	316 199	20 000	-	3 578 529
Fund Balance Beginning of Year	28 844 677	6 427 351	1 792 479	55 686	-	20 569 161
Fund Balance End of Year	42 009 901	15 677 847	2 108 678	75 686	-	24 147 690
STATE-RELATED COMMONWEALTH UNIVERSITIES						
Additions	1 816 860 247	1 594 564 153	4 388 739	23 760 723	-	194 146 632
Deductions	1 635 421 199	1 503 684 567	3 011 401	188 540	2 735	128 533 956
Total Transfers In/(Out)	-	(73 383 939)	(767 184)	14 199 569	-	59 951 554
Net Increase/(Decrease)	181 439 048	17 495 647	610 154	37 771 752	(2 735)	125 564 230
Fund Balance Beginning of Year	2 021 849 133	69 502 025	80 331 941	209 542 326	314 999	1 662 157 842
Fund Balance End of Year	2 203 288 181	86 997 672	80 942 095	247 314 078	312 264	1 787 722 072
COMMUNITY COLLEGES						
Additions	297 146 619	250 369 168	345 194	148 442	-	46 283 815
Deductions	283 136 956	247 546 086	500 108	405 413	-	34 685 349
Total Transfers In/(Out)	-	83 286	(9 412)	(39 893)	-	(33 981)
Net Increase/(Decrease)	14 009 663	2 906 368	(164 326)	(296 864)	-	11 564 485
Fund Balance Beginning of Year	222 788 514	46 091 798	4 521 299	1 492 342	-	170 683 075
Fund Balance End of Year	236 798 177	48 998 166	4 356 973	1 195 478	-	182 247 560
PRIVATE STATE-AIDED INSTITUTIONS						
Additions	1 761 187 191	1 589 394 043	9 567 111	42 363 432	643 968	119 218 637
Deductions	1 585 339 537	1 475 246 489	5 315 779	3 960 520	436 138	100 380 611
Total Transfers In/(Out)	-	(77 754 103)	1 008 163	10 812 039	(42 257)	65 976 158
Net Increase/(Decrease)	175 847 654	36 393 451	5 259 495	49 214 951	165 573	84 814 184
Fund Balance Beginning of Year	1 360 983 867	165 149 239	97 582 477	425 780 961	12 908 321	659 562 869
Fund Balance End of Year	1 536 831 521	201 542 690	102 841 972	474 995 912	13 073 894	744 377 053
PRIVATE COLLEGES AND UNIVERSITIES						
Additions	1 650 885 945	1 336 512 232	6 221 888	117 705 035	22 221 567	168 225 223
Deductions	1 350 051 063	1 224 229 015	2 976 902	3 329 840	10 046 760	109 468 546
Total Transfers In/(Out)	-	(94 292 920)	2 296 907	13 307 416	(269 596)	78 958 193
Net Increase/(Decrease)	300 834 882	17 990 297	5 541 893	127 682 611	11 905 211	137 714 870
Fund Balance Beginning of Year	2 856 018 466	125 139 413	102 627 469	1 056 908 862	29 388 007	1 541 954 715
Fund Balance End of Year	3 156 853 348	143 129 710	108 169 362	1 184 591 473	41 293 218	1 679 669 585
THEOLOGICAL SEMINARIES						
Additions	31 067 070	22 160 448	25 587	5 873 114	88 840	2 919 081
Deductions	23 296 311	22 277 955	39 911	57 954	73 338	847 153
Total Transfers In/(Out)	-	251 764	-	1 026 014	-	(1 277 778)
Net Increase/(Decrease)	7 770 759	134 257	(14 324)	6 841 174	15 502	794 150
Fund Balance Beginning of Year	116 843 275	1 751 878	678 484	47 319 933	1 039 824	66 053 156
Fund Balance End of Year	124 614 034	1 886 135	664 160	54 161 107	1 055 326	66 847 306
PRIVATE JUNIOR COLLEGES						
Additions	36 737 282	33 637 568	161 910	319 261	-	2 618 543
Deductions	34 680 749	32 046 980	163 109	500	-	2 470 160
Total Transfers In/(Out)	-	(2 122 877)	12 225	(515 041)	-	2 625 693
Net Increase/(Decrease)	2 056 533	(532 289)	11 026	(196 280)	-	2 774 076
Fund Balance Beginning of Year	40 806 694	3 547 305	2 620 229	8 311 247	2 000	26 325 913
Fund Balance End of Year	42 863 227	3 015 016	2 631 255	8 114 967	2 000	29 099 989
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS AND STATE SCHOOL OF TECHNOLOGY						
Additions	118 820 049	118 247 912	-	551 781	-	20 356
Deductions	106 245 477	106 232 714	-	12 703	-	60
Total Transfers In/(Out)	-	(1 296 901)	-	1 024 666	-	272 235
Net Increase/(Decrease)	12 574 572	10 718 297	-	1 563 744	-	292 531
Fund Balance Beginning of Year	66 401 733	48 225 049	-	15 215 815	-	2 960 869
Fund Balance End of Year	78 976 305	58 943 346	-	16 779 559	-	3 253 400

APPENDIX A

GLOSSARY

ANNUITY AND LIFE INCOME FUNDS--Funds carrying a stipulation that the institution make payments to one or more specified beneficiaries.

ENDOWMENT FUNDS--Funds whose principal is nonexpendable and that are intended to be invested to provide earnings for institutional use (includes term endowment and quasi-endowment funds).

LOAN FUNDS--Funds that have been loaned, or are available for loans to students, faculty, and staff (excludes loans made to the institution).

PLANT FUNDS--Funds that include the amount of institutional monies invested in physical plant facilities, as well as funds that are designated for renewal or replacement of physical plant, debt service or retirement of indebtedness.

PRIVATE CONTROL--Institutions listed in the following categories: the private state-aided institutions, the private colleges and universities, the theological seminaries, the private junior colleges, the specialized associate degree-granting institutions, and the state school of technology.

PUBLIC CONTROL--Institutions listed in the following categories: the state universities, the state-related commonwealth universities, and the community colleges.

RESTRICTED CURRENT FUNDS--Funds that are given to the institution for a very specific aspect of the institution's current operations.

UNRESTRICTED CURRENT FUNDS--Funds that the institution's management may use for any purpose it deems necessary (includes unrestricted funds that are designated by the institution's governing board for a specific use).

APPENDIX B

NONRESPONDING INSTITUTIONS

Curtis Institute of Music

Dropsie College

FPM Data School, Inc.

Gratz College

Grove City College

Moore College of Art

New Kensington Commercial School

Penn Commercial, Inc.

Pennsylvania College of Straight Chiropractic

Pinebrook Junior College

Theological Seminary of the Reformed Episcopal Church

Williamsport School of Commerce

Higher Education Financial Statistics, 1985-86

EDUCATION TODAY

Pennsylvania Department of Education

S 6790-5.8-U

Higher Education Financial Statistics, 1985-86

Commonwealth of Pennsylvania
Robert P. Casey, Governor

Department of Education
Thomas K. Gilhool, Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

Division of Data Services
Roger G. Hummel, Chief
Compiled by: Devki N. Khanna, Educational Statistics Associate

August, 1987

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

The Pennsylvania Department of Education will not discriminate in its educational programs, activities, or employment practices, based on race, color, national origin, sex, age, religion, ancestry, handicap, union membership, or any other legally protected classification. Announcement of this policy is in accordance with state and federal laws, including Title IX of the Education Amendments of 1972, and Sections 503 and 504 of the Rehabilitation Act of 1973.

Employees and participants who have an inquiry or complaint of harassment or discrimination, or who need information about accommodations for handicapped persons, should contact Susan Mitchell, Affirmative Action Officer, Pennsylvania Department of Education, 333 Market Street, Harrisburg, PA 17126-0333 (717-787-1953).

HIGHLIGHTS

The 1985-86 data on financial statistics indicate that:

- current-funds revenues increased 10.7 percent since 1984-85 to $6,000,126,877.
- student tuition and fees represented 31.7 percent of all reported current-funds revenues while government appropriations represented 14.6 percent at reporting institutions.
- current-funds expenditures increased 10.6 percent since 1984-85 to $5,776,343,707.
- instruction accounted for 26.9 percent of all reported current-funds expenditures at reporting institutions.
- hospitals represented 19.5 percent of all reported current-funds revenues and 19.0 percent of all reported current-funds expenditures at reporting institutions.
- the value of physical plant fixed assets increased 11.5 percent during the fiscal year to $6,477,633,213 at reporting institutions.
- indebtedness on physical plant increased 17.1 percent during the fiscal year to $2,191,820,090 at reporting institutions.
- the market value of all endowment funds increased 28.8 percent to $3,038,287,535 by the end of the fiscal year at reporting institutions.

TABLE OF CONTENTS

Page

INTRODUCTION 1

APPENDIX A GLOSSARY 19

APPENDIX B NONRESPONDING INSTITUTIONS 20

TABLES

Table Page

1. Current-Funds Revenues by Institutional Control, 1976-77 Through 1985-86. 2
2. Percent of Current-Funds Revenues by Source, 1976-77 Through 1985-86. 4
3. Current-Funds Expenditures by Institutional Control, 1976-77 Through 1985-86. 6
4. Percent of Current-Funds Expenditures by Function, 1976-77 Through 1985-86. 8
5. Current-Funds Revenues by Source by Institutional Category, 1985-86. 10
6. Total Current-Funds Revenues by Source, 1982-83 Through 1985-86. 12
7. Total Current-Funds Expenditures by Function, 1982-83 Through 1985-86. 13
8. Current-Funds Expenditures by Function by Institutional Category, 1985-86. 14
9. Physical Plant Asset Values by Type of Asset by Institutional Category, 1985-86. 16
10. Indebtedness on Physical Plant for Fiscal Year Ending 1986 by Institutional Category 17
11. Statement of Changes in Endowment Funds by Book and Market Value and Institutional Category for Fiscal Year Ending 1986 17
12. Statement of Changes in Fund Balances for Fiscal Year Ending 1986 by Type of Fund by Institutional Category 18

FIGURES

Figure Page

1. Percent Increase in Current-Funds Revenues by Institutional Control, 1976-77 Through 1985-86 3

2. Current-Funds Revenues by Source 5

3. Percent Increase in Current-Funds Expenditures by Institutional Control, 1976-77 Through 1985-86 7

4. Current-Funds Expenditures by Function, 1985-86 9

INTRODUCTION

"Higher Education Financial Statistics, 1985-86" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects the most recent year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (phone 717-787-2644).

Sources: Financial Statistics of Institutions of Higher Education for Fiscal Year Ending 1986 (ED G50-14P-F)

Financial Statistics, Fiscal Year Ending 1986 (PDE-2020)

TABLE 1

CURRENT-FUNDS REVENUES BY INSTITUTIONAL CONTROL, 1976-77 THROUGH 1985-86 1/

(In Millions of Dollars)

	Total	Public	Private
1976-77	2 363.1	1 148.4	1 214.7
1977-78	2 570.0	1 217.8	1 352.2
1978-79	2 823.2	1 294.7	1 528.5
1979-80	3 184.9	1 429.5	1 755.4
1980-81	3 592.7	1 575.1	2 017.6
1981-82	4 028.0	1 733.3	2 294.7
1982-83 2/	4 568.0	1 970.7	2 597.3
1983-84 2/	4 986.3	2 126.2	2 860.1
1984-85 2/	5 422.1	2 312.1	3 110.0
1985-86 2/	6 000.1	2 549.1	3 451.0

1/ Includes estimated data for the nonresponding institutions.
2/ Includes Pell Grants.

A major change in data reporting took place in 1982-83. This change involved the reporting of Pell Grants under current-funds revenues and expenditures. Prior to that year, Pell Grants were treated as agency funds and were not reported on the survey. Sixty percent of the total Pell Grants during 1985-86 were received by the public institutions, representing a slight increase from 59.5 percent in 1982-83.

On a year-to-year basis, the increase in the current-funds revenues for each of the past three years has been 9.2, 8.7 and 10.7 percent. The share of current-funds revenues have stabilized to the extent that the public institutions comprise around 42.5 percent of that total over the same time period.

FIGURE 1

PERCENT INCREASE IN CURRENT-FUNDS REVENUES
BY INSTITUTIONAL CONTROL, 1976-77 THROUGH 1985-86

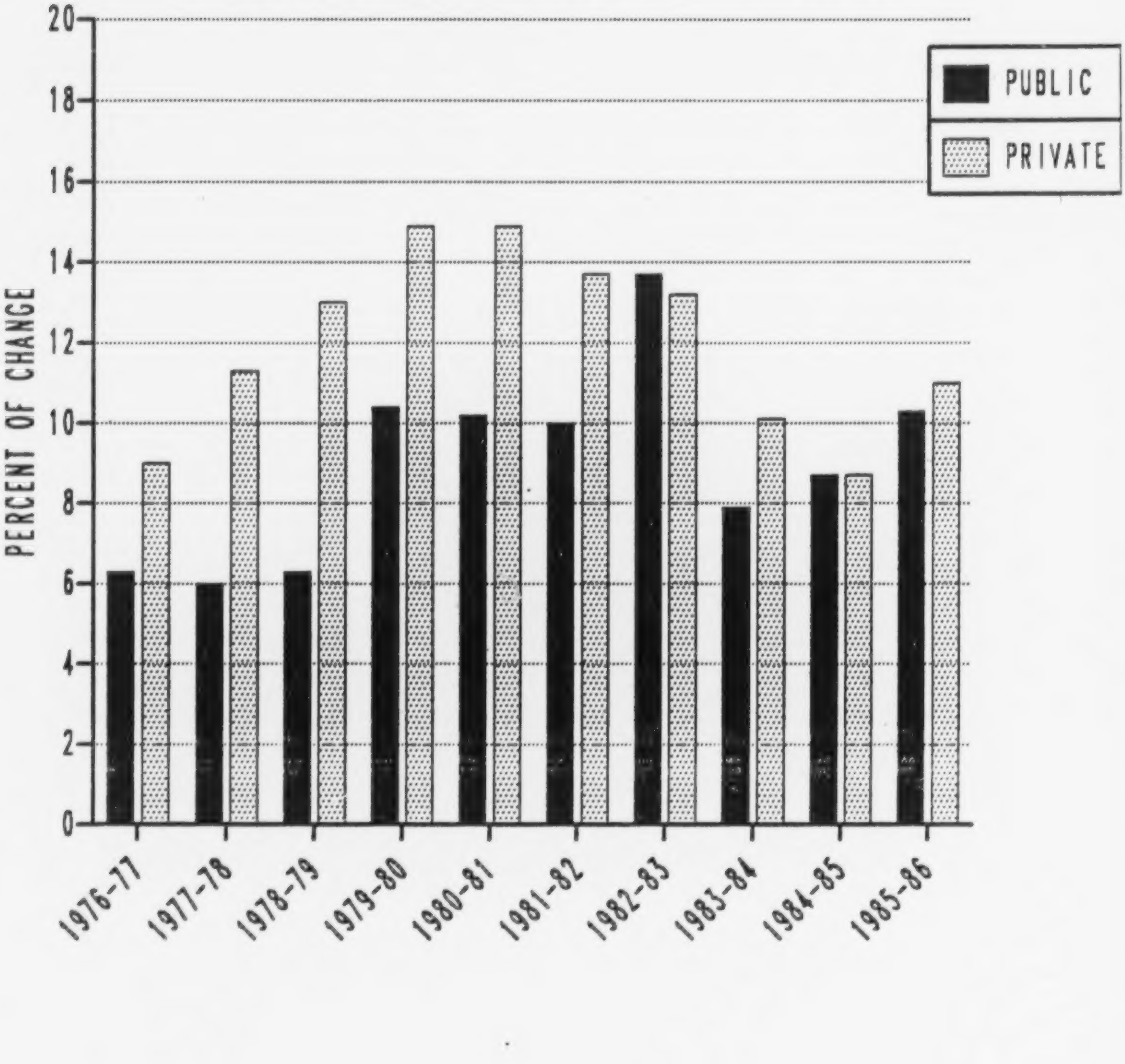


TABLE 2

PERCENT OF CURRENT-FUNDS REVENUES BY SOURCE, 1976-77 THROUGH 1985-86

	Total	Tuition and Fees	Government	Auxiliary Enterprises	Other
1976-77	100.0	30.5	33.7	11.6	24.2
1977-78	100.0	31.1	32.5	11.5	24.9
1978-79	100.0	31.4	31.4	11.4	25.8
1979-80	100.0	31.1	30.4	11.0	27.5
1980-81	100.0	31.5	28.9	11.2	28.4
1981-82	100.0	32.5	26.5	11.2	29.8
1982-83 1/	100.0	32.5	26.8	11.1	29.6
1983-84 1/	100.0	32.6	26.3	10.9	30.2
1984-85 1/	100.0	32.1	26.3	10.9	30.7
1985-86 1/	100.0	31.7	26.2	10.6	31.5

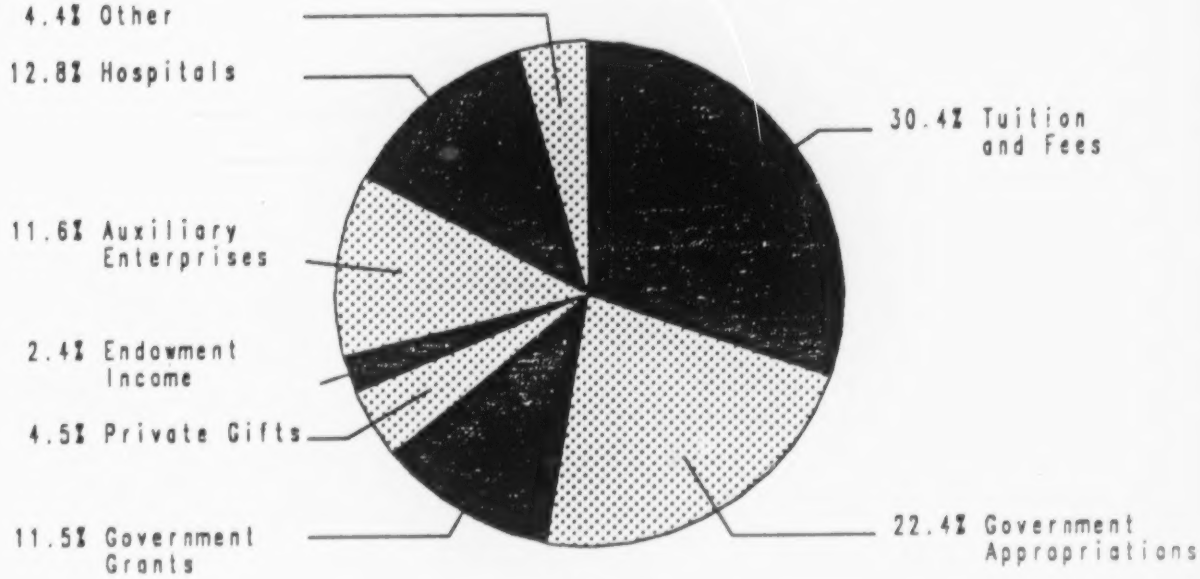
1/ Includes Pell Grants.

For the reporting institutions, tuition and fees and government funds continue to be the main sources of current-funds revenues. Government funds include government appropriations, grants, and contracts at the federal, state, and local levels. Although the actual dollar amount increased, government funds accounted for a smaller percentage of total current-funds revenues in recent years. Since 1982-83, the overall increase in the current-funds revenues was 30.9 percent, whereas, the government funds increased by 28.2 percent. On a year-to-year basis, tuition and fees increased 9.2, 7.2 and 9.1 percent for each of the past three years. Private gifts and endowment income also showed significant increases in revenues since 1982-83.

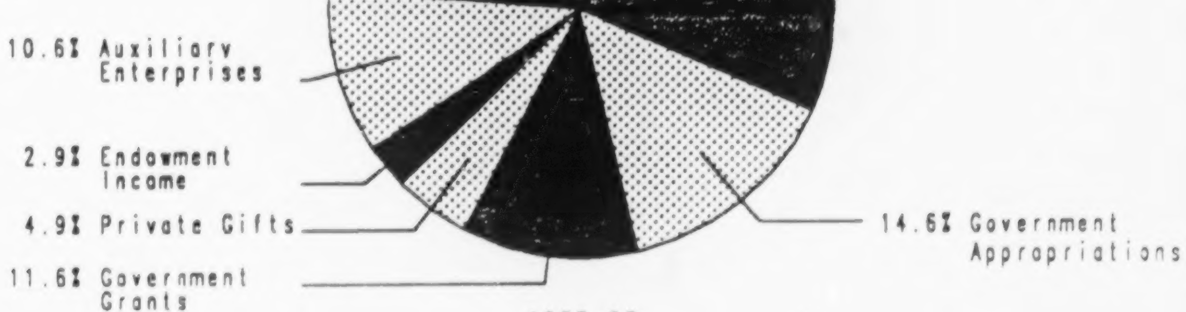
The current-funds revenues under "other" increased by 39.2 percent since 1982-83. "Other" includes private gifts, endowment income, sales and services of educational activities, hospitals, independent operations, and other sources not covered elsewhere.

FIGURE 2

CURRENT-FUNDS REVENUES BY SOURCE



1976-77



1985-86

TABLE 3

CURRENT-FUNDS EXPENDITURES BY INSTITUTIONAL CONTROL, 1976-77 THROUGH 1985-86 1/

(In Millions of Dollars)

	Total	Public	Private
1976-77	2 335.7	1 137.1	1 198.6
1977-78	2 538.1	1 204.0	1 334.1
1978-79	2 761.8	1 277.5	1 484.3
1979-80	3 080.0	1 398.9	1 691.1
1980-81	3 496.0	1 544.6	1 951.4
1981-82	3 914.6	1 701.9	2 212.7
1982-83 2/	4 449.1	1 934.1	2 515.0
1983-84 2/	4 831.1	2 075.0	2 756.1
1984-85 2/	5 224.9	2 228.6	2 996.3
1985-86 2/	5 776.3	2 463.1	3 313.2

1/ Includes estimated data for the nonresponding institutions.
2/ Includes Pell Grants.

The total current-funds expenditures increased by 29.8 percent from 1982-83 to 1985-86 versus 31.4 percent increase in current-funds revenues during the same period. On a year-to-year basis, this increase translates into 8.6, 8.2, and 10.6 percent for each year since 1982-83. The current-funds expenditures at the private institutions increased by more than $798 million or 31.7 percent. By comparison, the increase at the public institutions was $529 million or 27.4 percent.

FIGURE 3

PERCENT INCREASE IN CURRENT-FUNDS EXPENDITURES
BY INSTITUTIONAL CONTROL, 1976-77 THROUGH 1985-86

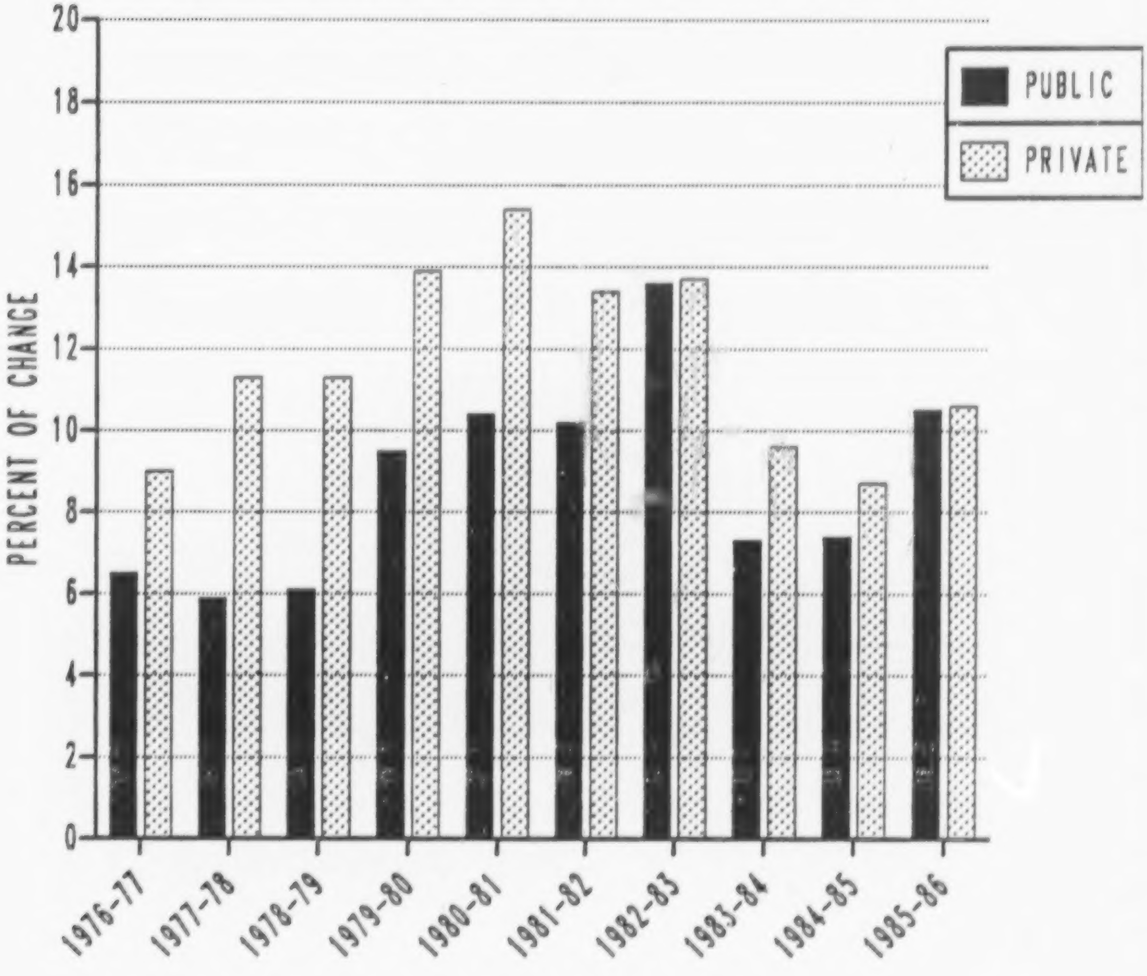


TABLE 4

PERCENT OF CURRENT-FUNDS EXPENDITURES BY FUNCTION, 1976-77 THROUGH 1985-86

	Total	Educational and General	Auxiliary Enterprises	Other
1976-77	100.0	74.4	11.2	14.4
1977-78	100.0	73.6	11.1	15.3
1978-79	100.0	73.1	11.1	15.8
1979-80	100.0	72.8	10.9	16.3
1980-81	100.0	71.4	10.8	17.8
1981-82	100.0	70.7	10.5	18.8
1982-83 1/	100.0	70.1	10.3	19.6
1983-84 1/	100.0	70.1	10.3	19.6
1984-85 1/	100.0	70.3	10.4	19.3
1985-86 1/	100.0	70.3	10.2	19.5

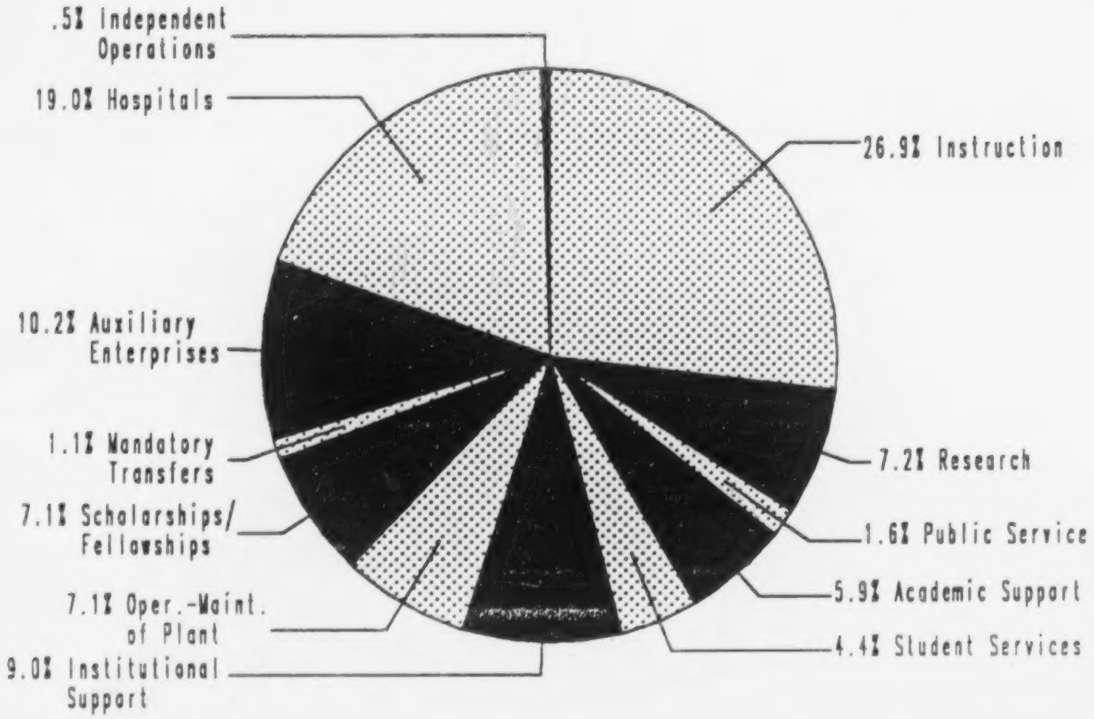
1/ Includes Pell Grants.

Since 1982-83, the current-funds expenditures for the reporting institutions increased by 29.3 percent. On a year-to-year basis, the expenditures for these institutions for each of the past three years was 8.4, 8.2 and 10.3 percent. This increase in expenditures was higher than the increase in the corresponding tuition and fees over the three years period. Research, student services, scholarships and fellowships, and educational and general mandatory transfers showed the largest percent increases since 1982-83.

The educational and general expenditures increased by 29.7 percent during the past three years. This increase is in line with the total current-funds expenditures. Educational and general includes expenditures for instruction, research, public service, academic support, student services, institutional support, operation and maintenance of plant, scholarships and fellowships, and educatiuonal and general mandatory transfers. The function listed as "other" includes expenditures for hospitals and independent operations.

FIGURE 4

CURRENT-FUNDS EXPENDITURES BY FUNCTION, 1985-86



TABLE

CURRENT-FUNDS REVENUES BY SOURCE

	All Institutions	State Universities	State-Related Commonwealth Universities	Community Colleges	Private State-Aided Institutions
TOTAL, ALL INSTITUTIONS 1/	$6 000 126 877	$552 804 908	$1 719 121 328	$277 162 181	$1 715 347 974
TOTAL, REPORTING INSTITUTIONS	$5 948 024 877	$552 804 908	$1 719 121 328	$277 162 181	$1 715 347 974
Number Reporting	212	14	4	14	12
Student Tuition and Fees	$1 885 484 337	$143 986 498	$ 413 362 775	$ 74 962 829	$ 336 232 347
Governmental Appropriations	$ 868 395 587	$263 414 881	$ 400 503 925	$135 186 786	$ 64 992 261
Federal Government	20 727 633	-	16 727 302	122 321	151 137
State Government	796 501 854	263 414 881	383 776 623	83 953 365	64 786 124
Local Government	51 166 100	-	-	51 111 100	55 000
Government Grants and Contracts	$ 690 339 607	$ 56 904 161	$ 229 244 005	$ 41 394 221	$ 179 847 941
Federal Government	$ 575 776 037	$ 40 277 523	$ 194 111 230	$ 35 039 366	$ 171 366 088
Unrestricted	94 961 579	513 141	33 252 858	524 616	47 029 358
Restricted	480 814 458	39 764 382	160 858 372	34 514 750	124 336 730
Pell Grants	131 639 929	26 887 454	31 341 881	20 789 497	5 412 097
Other	349 174 529	12 876 928	129 516 491	13 725 253	118 924 633
State Government	$ 108 628 386	$ 16 584 803	$ 30 957 116	$ 5 922 235	$ 8 268 115
Unrestricted	10 721 672	164 511	780 317	4 621	396 826
Restricted	97 906 714	16 420 292	30 176 799	5 917 614	7 871 289
Local Government	$ 5 935 184	$ 41 835	$ 4 175 659	$ 432 620	$ 213 738
Unrestricted	549 945	-	124 312	-	12 290
Restricted	5 385 239	41 835	4 051 347	432 620	201 448
Private Gifts	$ 293 449 705	$ 3 195 838	$ 70 124 434	$ 1 679 379	$ 79 330 049
Unrestricted	102 524 764	872 312	8 258 783	212 030	16 745 062
Restricted	190 924 941	2 323 526	61 865 651	1 467 349	62 584 987
Endowment Income	$ 169 825 800	$ 742 291	$ 39 937 123	$ 22 370	$ 36 923 077
Unrestricted	103 100 563	552 209	28 258 783	-	18 847 915
Restricted	66 725 237	190 082	11 678 340	22 370	18 075 162
Sales and Services of Educational Activities	$ 73 043 572	$ 1 514 069	$ 30 709 847	$ 29 340	$ 31 257 195
Auxiliary Enterprises	$ 629 043 550	$ 69 334 401	$ 208 333 417	$ 15 169 862	$ 78 252 559
Hospitals	$1 157 083 430	$ -	$ 287 897 741	$ -	$ 868 845 186
Other Sources	$ 150 882 686	$ 13 712 769	$ 14 164 449	$ 8 717 394	$ 34 274 028
Independent Operations	$ 30 476 603	$ -	$ 24 843 612	$ -	$ 5 393 331
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 52 102 000	$ -	$ -	$ -	$ -

1/ Includes estimated data for the nonresponding institutions.

5

BY INSTITUTIONAL CATEGORY, 1985-86

Private Colleges and Universities	Theological Seminaries	Private Junior Colleges	Specialized Associate Degree-Granting Institutions and State School of Technology	
$1 510 162 460	$ 25 286 655	$ 44 520 494	$155 720 877	TOTAL, ALL INSTITUTIONS 1/
$1 480 245 460	$ 23 496 655	$ 44 520 494	$135 325 877	TOTAL, REPORTING INSTITUTIONS
78	14	9	67	Number Reporting
$ 790 290 643	$ 4 918 865	$ 22 383 101	$ 99 347 279	Student Tuition and Fees
$ -	$ -	$ 357 734	$ 3 940 000	Governmental Appropriations
-	-	8 873	3 718 000	Federal Government
-	-	348 861	222 000	State Government
-	-	-	-	Local Government
$ 154 706 587	$ 51 508	$ 8 006 248	$ 20 184 936	Government Grants and Contracts
$ 115 022 369	$ 51 508	$ 4 920 601	$ 14 987 352	Federal Government
13 596 513	11 552	33 541	-	Unrestricted
101 425 856	39 956	4 887 060	14 987 352	Restricted
29 180 165	30 250	3 317 137	14 681 448	Pell Grants
72 245 691	9 706	1 569 923	305 904	Other
$ 38 736 555	$ -	$ 3 078 378	$ 5 081 184	State Government
8 856 466	-	513 305	5 626	Unrestricted
29 880 089	-	2 565 073	5 075 558	Restricted
$ 947 663	$ -	$ 7 269	$ 116 400	Local Government
406 074	-	7 269	-	Unrestricted
541 589	-	-	116 400	Restricted
$ 126 164 035	$ 10 920 922	$ 1 744 117	$ 290 931	Private Gifts
65 975 741	9 127 158	1 167 401	166 277	Unrestricted
60 188 294	1 793 764	576 716	124 654	Restricted
$ 84 546 645	$ 4 565 471	$ 901 622	$ 2 187 201	Endowment Income
49 006 701	3 671 254	678 888	2 084 813	Unrestricted
35 539 944	894 217	222 734	102 388	Restricted
$ 7 517 920	$ 30 828	$ 657 901	$ 1 326 472	Sales and Services of Educational Activities
$ 241 945 223	$ 2 281 312	$ 9 228 575	$ 4 498 201	Auxiliary Enterprises
$ 335 516	$ -	$ -	$ 4 987	Hospitals
$ 74 499 231	$ 727 749	$ 1 241 196	$ 3 545 870	Other Sources
$ 239 660	$ -	$ -	$ -	Independent Operations
$ 29 917 000	$ 1 790 000	$ -	$ 20 395 000	TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)

TABLE 6

TOTAL CURRENT-FUNDS REVENUES BY SOURCE, 1982-83 THROUGH 1985-86

	1982-83	1983-84	1984-85	1985-86
TOTAL, ALL INSTITUTIONS 1/	$4 567 967 367	$4 986 292 045	$5 422 084 362	$6 000 126 877
TOTAL, REPORTING INSTITUTIONS	$4 542 287 367	$4 951 062 045	$5 386 374 362	$5 948 024 877
Number Reporting	202	209	213	212
Student Tuition and Fees	$1 476 730 266	$1 612 482 351	$1 728 511 768	$1 885 484 337
Governmental Appropriations	$ 710 666 467	$ 755 663 142	$ 814 786 042	$ 868 395 587
Federal Government	15 865 231	15 803 623	17 139 802	20 727 633
State Government	651 543 306	693 951 294	748 439 982	796 501 854
Local Government	43 257 930	45 908 225	49 206 258	51 166 100
Governmental Grants and Contracts	$ 504 963 630	$ 546 609 490	$ 605 149 330	$ 690 339 607
Federal Government	$ 430 676 708	$ 474 959 631	$ 514 171 162	$ 575 776 037
Unrestricted	70 115 890	77 791 890	86 434 317	94 961 579
Restricted	360 560 818 2/	397 167 741 3/	427 736 845 4/	480 814 458 5/
State Government	$ 65 293 839	$ 65 569 420	$ 84 716 840	$ 108 628 386
Unrestricted	11 310 354	10 687 519	10 856 708	10 721 672
Restricted	53 983 485	54 881 901	73 860 132	97 906 714
Local Government	$ 8 993 083	$ 6 080 439	$ 6 261 328	$ 5 935 184
Unrestricted	1 130 956	589 607	578 561	549 945
Restricted	7 862 127	5 490 832	5 682 767	5 385 239
Private Gifts	$ 191 591 745	$ 225 032 346	$ 250 711 662	$ 293 449 705
Unrestricted	71 574 373	78 945 120	90 387 182	102 524 764
Restricted	120 017 372	146 087 226	160 324 480	190 924 941
Endowment Income	$ 115 384 988	$ 130 502 301	$ 150 952 394	$ 169 825 800
Unrestricted	67 049 552	72 228 161	88 560 071	103 100 563
Restricted	48 335 436	58 274 140	62 392 323	66 725 237
Sales and Services of Educational Activities	$ 55 537 450	$ 61 947 817	$ 62 497 911	$ 73 043 572
Auxiliary Enterprises	$ 503 105 453	$ 542 168 366	$ 585 533 629	$ 629 043 550
Hospitals	$ 863 795 956	$ 941 013 443	$1 029 175 563	$1 157 083 430
Other Sources	$ 97 757 968	$ 112 180 926	$ 134 509 337	$ 150 882 686
Independent Operations	$ 22 753 444	$ 23 461 863	$ 24 546 726	$ 30 476 603
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 25 680 000	$ 35 230 000	$ 35 710 000	$ 52 102 000

1/ Includes estimated data for the nonresponding instituions.
2/ Includes $104,622,366 of Pell Grants.
3/ Includes $121,532,503 of Pell Grants.
4/ Includes $123,233,065 of Pell Grants.
5/ Includes $131,639,929 of Pell Grants.

TABLE 7

TOTAL CURRENT-FUNDS EXPENDITURES BY FUNCTION, 1982-83 THROUGH 1985-86

	1982-83	1983-84	1984-85	1985-86
TOTAL, ALL INSTITUTIONS 1/	$4 449 122 825	$4 831 128 248	$5 224 903 200	$5 776 343 707
TOTAL, REPORTING INSTITUTIONS	$4 423 902 825	$4 796 678 248	$5 189 503 200	$5 722 176 707
Number Reporting	202	209	213	212
Educational and General Expenditures	$3 099 587 007	$3 360 659 204	$3 648 847 263	$4 021 278 672
Instruction	1 213 657 028	1 296 568 162	1 393 363 192	1 539 580 376
Research	273 716 868	311 773 097	352 826 227	408 984 577
Public Service	91 161 306	93 388 855	100 774 991	92 842 385
Academic Support	276 285 698	293 703 093	318 694 718	336 848 918
Libraries	98 232 576	105 004 271	111 570 002	120 099 401
Other	178 053 122	188 698 822	207 124 716	216 749 517
Student Services	181 528 588	202 752 512	224 486 363	250 849 056
Institutional Support	400 225 397	439 862 274	472 179 534	517 018 059
Operation and Maintenance of Plant	347 982 012	370 709 524	393 327 164	408 171 202
Scholarships and Fellowships	$ 274 282 404	$ 310 367 116	$ 350 493 497	$ 405 983 774
Awards from Unrestricted Funds	96 694 028	110 539 380	131 606 055	156 748 761
Awards from Restricted Funds	177 588 376 2/	199 827 736 3/	218 887 442 4/	249 235 013 5/
Educational and General Mandatory Transfers	40 747 706	41 534 571	42 701 577	61 000 325
Auxiliary Enterprises	$ 458 033 085	$ 495 408 013	$ 537 208 069	$ 583 371 489
Hospitals	$ 843 604 075	$ 917 256 528	$ 978 879 954	$1 088 185 754
Independent Operations	$ 22 678 658	$ 23 354 503	$ 24 567 914	$ 29 340 792
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 25 220 000	$ 34 450 000	$ 35 400 000	$ 54 167 000

1/ Includes estimated data for the nonresponding instituions.
2/ Includes $104,622,366 of Pell Grants.
3/ Includes $121,532,503 of Pell Grants.
4/ Includes $123,233,065 of Pell Grants.
5/ Includes $131,639,929 of Pell Grants.

TABLE

CURRENT-FUNDS EXPENDITURES BY FUNCTION

	All Institutions	State Universities	State-Related Commonwealth Universities	Community Colleges	Private State-Aided Institutions
TOTAL, ALL INSTITUTIONS 1/	$5 776 343 707	$541 672 144	$1 650 717 522	$270 721 159	$1 656 843 968
TOTAL, REPORTING INSTITUTIONS	$5 722 176 707	$541 672 144	$1 650 717 522	$270 721 159	$1 656 843 968
Number Reporting	212	14	4	14	12
Educational and General Expenditures	$4 021 278 672	$472 211 426	$1 156 302 107	$256 999 674	$ 764 717 092
Instruction	1 539 580 376	214 248 267	457 376 944	118 437 268	273 976 817
Research	408 984 577	1 203 038	174 441 712	-	147 067 348
Public Service	92 842 385	7 836 628	45 799 974	765 735	28 914 818
Academic Support	$ 336 848 918	$ 43 713 037	$ 121 248 357	$ 20 974 505	$ 49 195 075
Libraries	120 099 401	18 955 069	31 318 003	8 320 213	18 835 102
Other	216 749 517	24 757 968	89 930 354	12 654 292	30 359 973
Student Services	250 849 056	37 608 301	50 948 751	21 521 950	26 086 805
Institutional Support	517 018 059	57 190 797	112 409 796	37 428 392	80 613 153
Operation and Maintenance of Plant	408 171 202	60 008 318	110 792 955	25 196 661	70 023 891
Scholarships and Fellowships	$ 405 983 774	$ 45 771 617	$ 78 159 347	$ 27 265 676	$ 71 240 046
Awards from Unrestricted Funds	156 748 761	1 632 001	29 363 654	320 150	38 315 397
Awards from Restricted Funds	249 235 013	44 139 616	48 795 693	26 945 526	32 924 649
Pell Grants	131 639 929	26 887 454	31 341 881	20 789 497	5 412 097
other	117 595 084	17 252 162	17 453 812	6 156 029	27 512 552
Educational and General Mandatory Transfer	61 000 325	4 631 423	5 124 271	5 409 487	17 599 139
Auxiliary Enterprises	$ 583 371 489	$ 69 460 718	$ 191 787 112	$ 13 721 485	$ 77 571 970
Hospitals	$1 088 185 754	$ -	$ 277 752 583	$ -	$ 810 300 908
Independent Operations	$ 29 340 792	$ -	$ 24 875 720	$ -	$ 4 253 998
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 54 167 000	$ -	$ -	$ -	$ -

---

1/ Includes estimated data for the nonresponding institutions.

8

BY INSTITUTIONAL CATEGORY, 1985-86

Private Colleges and Universities	Theological Seminaries	Private Junior Colleges	Specialized Associate Degree-Granting Institutions and State School of Technology	
$1 443 178 990	$23 706 973	$46 393 122	$143 109 829	TOTAL, ALL INSTITUTIONAL 1/
$1 409 876 990	$21 822 973	$46 393 122	$124 128 829	TOTAL, REPORTING INSTITUTIONS
78	14	9	67	Number Reporting
$1 191 653 640	$18 858 569	$39 919 208	$120 616 956	Educational and General Expenditures
421 377 756	6 136 352	11 228 739	36 798 233	Instruction
86 272 479	-	-	-	Research
8 778 957	258 214	478 565	9 494	Public Service
$ 95 618 654	$ 2 219 806	$ 1 702 370	$ 2 177 114	Academic Support
39 903 018	1 606 556	950 100	211 340	Libraries
55 715 636	613 250	752 270	1 965 774	Other
95 104 132	1 109 293	4 812 076	13 657 748	Student Services
178 156 568	4 625 687	9 871 367	36 722 299	Institutional Support
119 226 531	2 789 315	4 899 283	15 234 248	Operation and Maintenance of Plant
$ 159 563 879	$ 1 624 125	$ 6 576 125	$ 15 782 959	Scholarships and Fellowships
85 327 389	693 244	1 061 351	35 575	Awards from Unrestricted Funds
74 236 490	930 881	5 514 774	15 747 384	Awards from Restricted Funds
29 180 165	30 250	3 317 137	14 681 448	Pell Grants
45 056 325	900 631	2 197 637	1 065 936	Other
27 554 684	95 777	350 683	234 861	Educational and General Mandatory Transfers
$ 218 012 276	$ 2 964 404	$ 6 473 914	$ 3 379 610	Auxiliary Enterprises
$ -	$ -	$ -	$ 132 263	Hospitals
$ 211 074	$ -	$ -	$ -	Independent Operations
$ 33 302 000	$ 1 884 000	$ -	$ 18 981 000	TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)

TABLE 9

PHYSICAL PLANT ASSET VALUES BY TYPE OF ASSET BY INSTITUTIONAL CATEGORY, 1985-86

	Total Assets	Land	Buildings	Equipment
TOTAL, REPORTING INSTITUTIONS (208)				
Book Value Beginning of Year	$5 812 125 071	$ 245 489 890	$4 213 196 320	$1 353 438 861
Additions During Year	754 937 543	12 272 345	404 179 496	338 485 702
Deductions During Year	89 429 401	1 533 312	35 800 372	52 095 717
Book Value End of Year	6 477 633 213	256 228 923	4 581 575 444	1 639 828 846
Current Replacement Value	12 099 170 271	-	12 099 170 271	-
STATE UNIVERSITIES (14)				
Book Value Beginning of Year	616 787 539	24 645 419	479 411 514	112 730 606
Additions During Year	46 336 942	631 072	23 878 886	21 826 984
Deductions During Year	6 171 802	11 701	930 564	5 229 537
Book Value End of Year	656 952 679	25 264 790	502 359 836	129 328 053
Current Replacement Value	1 357 462 833	-	1 357 462 833	-
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)				
Book Value Beginning of Year	1 554 945 991	41 521 138	1 174 515 690	338 909 163
Additions During Year	248 601 211	3 055 679	102 595 690	142 949 842
Deductions During Year	19 753 878	412 624	7 641 216	11 700 038
Book Value End of Year	1 783 793 324	44 164 193	1 269 470 164	470 158 967
Current Replacement Value	3 009 311 357	-	3 009 311 357	-
COMMUNITY COLLEGES (14)				
Book Value Beginning of Year	362 159 158	22 604 516	253 082 087	86 472 555
Additions During Year	43 184 521	483 220	26 139 298	16 562 003
Deductions During Year	2 158 017	-	305 297	1 852 720
Book Value End of Year	403 185 662	23 087 736	278 916 088	101 181 838
Current Replacement Value	520 673 158	-	520 673 158	-
PRIVATE STATE-AIDED INSTITUTIONS (12)				
Book Value Beginning of Year	1 094 438 960	54 271 031	742 901 336	297 266 593
Additions During Year	221 779 350	2 060 841	146 162 178	73 556 331
Deductions During Year	51 440 321	387 783	24 559 339	26 493 199
Book Value End of Year	1 264 777 989	55 944 089	864 504 175	344 329 725
Current Replacement Value	2 998 198 621	-	2 998 198 621	-
PRIVATE COLLEGES AND UNIVERSITIES (78)				
Book Value Beginning of Year	2 014 074 902	92 148 641	1 449 406 251	472 520 010
Additions During Year	188 081 030	5 892 299	102 068 617	80 120 114
Deductions During Year	8 275 064	708 063	1 899 361	5 667 640
Book Value End of Year	2 193 880 868	97 332 877	1 549 575 507	546 972 484
Current Replacement Value	3 922 856 907	-	3 922 856 907	-
THEOLOGICAL SEMINARIES (13)				
Book Value Beginning of Year	65 567 991	3 739 770	50 814 512	11 013 709
Additions During Year	1 350 533	62 000	643 726	644 807
Deductions During Year	20 515	6 174	7 446	6 895
Book Value End of Year	66 898 009	3 795 596	51 450 792	11 651 621
Current Replacement Value	123 834 496	-	123 834 496	
PRIVATE JUNIOR COLLEGES (9)				
Book Value Beginning of Year	49 516 166	3 546 155	34 592 767	11 377 244
Additions During Year	2 528 576	87 234	1 249 174	1 192 168
Deductions During Year	112 958	-	-	112 958
Book Value End of Year	51 931 784	3 633 389	35 841 941	12 456 454
Current Replacement Value	105 380 300	-	105 380 300	-
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS AND STATE SCHOOL OF TECHNOLOGY (64)				
Book Value Beginning of Year	54 634 364	3 013 220	28 472 163	23 148 981
Additions During Year	3 075 380	-	1 441 927	1 633 453
Deductions During Year	1 496 846	6 967	457 149	1 032 730
Book Value End of Year	56 212 898	3 006 253	29 456 941	23 749 704
Current Replacement Value	61 452 599	-	61 452 599	-

TABLE 10

INDEBTEDNESS ON PHYSICAL PLANT FOR FISCAL YEAR ENDING 1986 BY INSTITUTIONAL CATEGORY

	Balanced Owed on Principal Beginning of Year	Additional Principal Borrowed During the Year	Payments Made on Principal During the Year	Balance Owed on Principal at End of Year	Interest Payments on Physical Plant Indebtedness
TOTAL, REPORTING INSTITUTIONS (132)	$1 872 157 152	$564 616 208	$244 953 270	$2 191 820 090	$130 708 830
State Universities (11)	9 044 692	34 729 335	2 131 276	41 642 751	3 052 460
State-Related Commonwealth Universities (4)	444 151 553	130 751 246	7 791 119	567 111 680	30 502 487
Community Colleges (14)	126 201 232	650 056	7 423 110	119 428 178	10 285 507
Private State-Aided Institutions (12)	693 245 742	113 376 641	117 080 731	689 541 652	39 822 277
Private Colleges and Universities (70)	581 045 880	281 358 430	109 592 243	752 812 067	45 770 460
Theological Seminaries (5)	791 742	35 500	135 037	692 205	81 799
Private Junior Colleges (8)	15 721 281	3 165 000	587 177	18 299 104	962 353
Specialized Associate Degree-Granting Institutions and State School of Technology (8)	1 955 030	550 000	212 577	2 292 453	231 487

TABLE 11

STATEMENT OF CHANGES IN ENDOWMENT FUNDS BY BOOK AND MARKET VALUE AND INSTITUTIONAL CATEGORY FOR FISCAL YEAR ENDING 1986

	Value of Endowment at the Beginning of the Fiscal Year	Value of Endowment at the End of the Fiscal Year	Endowment Yield
TOTAL, REPORTING INSTITUTIONS (132)			$ 188 020 325
Book Value	$2 012 875 312	$2 416 468 466	
Market Value	2 358 756 014	3 038 287 535	
State Universities (10)			253 064
Book Value	2 915 076	3 019 726	
Market Value	2 709 663	3 382 455	
State-Related Commonwealth Universities (4)			16 337 456
Book Value	215 737 944	284 347 898	
Market Value	242 660 438	328 011 309	
Community Colleges (5)			113 058
Book Value	1 194 899	1 565 155	
Market Value	1 194 899	1 565 155	
Private State-Aided Institutions (12)			75 896 176
Book Value	521 452 287	622 465 161	
Market Value	636 724 752	798 451 333	
Private Colleges and Universities (77)			87 804 680
Book Value	1 194 230 259	1 414 513 714	
Market Value	1 380 977 494	1 793 673 600	
Theological Seminaries (11)			4 812 270
Book Value	51 661 683	62 827 613	
Market Value	63 139 330	79 631 637	
Private Junior Colleges (8)			1 016 261
Book Value	9 578 907	10 492 061	
Market Value	10 503 860	11 743 996	
Specialized Associate Degree-Granting Institutions and State School of Technology (5)			1 787 360
Book Value	16 104 257	17 237 138	
Market Value	20 845 578	21 828 050	

TABLE 12

STATEMENT OF CHANGES IN FUND BALANCES FOR FISCAL YEAR ENDING 1986 BY TYPE OF FUND BY INSTITUTIONAL CATEGORY

	Total All Funds	Current Funds	Loan Funds	Endowment Funds	Annuity and Life Income Funds	Plant Funds
TOTAL, REPORTING INSTITUTIONS						
Additions	$7 132 598 600	$6 043 870 391	$ 24 281 316	$ 344 635 965	$21 356 818	$ 698 454 112
Deductions	6 081 617 789	5 626 141 866	11 306 424	11 174 008	5 451 030	427 544 481
Total Transfers In/(out)	-	(324 748 920)	(3 626 256)	64 168 191	(2 373 516)	266 380 499
Net Increase/(Decrease)	1 050 980 811	92 979 625	9 548 634	397 630 148	13 532 274	537 290 130
Fund Balance Beginning of Year	7 571 903 724	540 571 645	317 581 036	1 983 723 928	57 339 854	4 672 687 261
Fund Balance End of Year	8 622 884 535	633 551 270	27 129 670	2 381 354 076	70 872 128	5 209 977 391
STATE UNIVERSITIES						
Additions	600 475 621	548 662 420	2 535 613	209 229	-	49 068 359
Deductions	563 978 681	530 743 440	1 466 179	1 000	-	31 768 062
Total Transfers In/(out)	-	(11 281 528)	5 295	51 699	-	11 224 534
Net Increase/(Decrease)	36 496 940	6 637 452	1 074 729	259 928	-	28 524 831
Fund Balance Beginning of Year	212 622 347	18 151 373	17 124 637	2 904 124	-	174 442 213
Fund Balance End of Year	249 119 287	24 788 825	18 199 366	3 164 052	-	202 967 044
STATE-RELATED COMMONWEALTH UNIVERSITIES						
Additions	2 078 665 956	1 766 758 525	6 513 318	34 833 594	797 250	269 763 269
Deductions	1 789 620 220	1 662 722 535	3 370 413	462 664	-	123 064 608
Total Transfers In/(out)	-	(80 436 359)	364 982	12 425 773	-	67 665 604
Net Increase/(Decrease)	289 045 736	23 599 631	3 487 887	46 796 703	797 250	214 364 265
Fund Balance Beginning of Year	2 203 288 181	86 997 672	80 942 095	247 314 078	312 264	1 787 722 072
Fund Balance End of Year	2 492 333 917	110 597 303	84 429 982	294 110 781	1 109 514	2 002 086 337
COMMUNITY COLLEGES						
Additions	322 383 670	268 513 444	721 225	51 267	-	53 097 734
Deductions	293 341 016	264 999 138	561 366	23 059	-	27 757 453
Total Transfers In/(out)	-	(3 076 756)	3 000	342 269	-	2 731 487
Net Increase/(Decrease)	29 042 654	437 550	162 859	370 477	-	28 071 768
Fund Balance Beginning of Year	236 124 822	48 979 393	4 356 972	1 195 478	-	181 592 979
Fund Balance End of Year	265 167 476	49 416 943	4 519 831	1 565 955	-	209 664 747
PRIVATE STATE-AIDED INSTITUTIONS						
Additions	1 982 324 712	1 767 794 580	6 193 383	68 975 786	4 933 573	134 427 390
Deductions	1 747 135 271	1 618 421 901	2 634 110	4 144 367	372 791	121 562 102
Total Transfers In/(out)	-	(112 898 073)	(5 668 209)	26 632 045	(415 427)	92 349 664
Net Increase/(Decrease)	235 189 441	36 474 606	(2 108 936)	91 463 464	4 145 355	105 214 952
Fund Balance Beginning of Year	1 545 663 287	201 749 955	02 634 105	475 054 405	13 073 944	753 150 878
Fund Balance End of Year	1 780 852 728	238 224 561	00 525 169	566 517 869	17 219 299	858 365 830
PRIVATE COLLEGES AND UNIVERSITIES						
Additions	1 933 944 262	1 494 171 459	8 037 930	230 579 427	15 556 002	185 599 444
Deductions	1 498 819 147	1 364 030 757	3 105 083	6 485 687	4 846 026	120 351 594
Total Transfers In/(out)	-	(114 050 085)	1 878 111	22 026 615	(1 958 087)	92 103 446
Net Increase/(Decrease)	435 125 115	16 090 617	6 810 958	246 120 355	8 751 889	157 351 296
Fund Balance Beginning of Year	3 154 060 594	142 116 917	08 382 850	1 187 718 488	42 896 320	1 672 946 019
Fund Balance End of Year	3 589 185 709	158 207 534	15 193 808	1 433 838 843	51 648 209	1 830 297 315
THEOLOGICAL SEMINARIES						
Additions	35 314 472	23 601 254	24 202	8 331 774	69 993	3 287 249
Deductions	22 754 662	21 534 973	11 904	57 231	232 213	918 341
Total Transfers In/(out)	-	(1 756 353)	1 670	2 688 708	-	(934 025)
Net Increase/(Decrease)	12 559 810	309 928	13 968	10 963 251	(162 220)	1 434 883
Fund Balance Beginning of Year	117 919 157	1 868 182	664 160	50 927 203	1 055 326	63 404 286
Fund Balance End of Year	130 478 967	2 178 110	678 128	61 890 454	893 106	64 839 169
PRIVATE JUNIOR COLLEGES						
Additions	49 054 111	44 881 663	255 643	706 138	-	3 210 667
Deductions	45 955 093	43 675 403	157 369	-	-	2 122 321
Total Transfers In/(out)	-	(1 249 766)	8 895	1 082	-	1 239 789
Net Increase/(Decrease)	3 099 018	(43 506)	107 169	707 220	-	2 328 135
Fund Balance Beginning of Year	55 542 287	3 118 758	476 217	9 516 498	2 000	39 428 814
Fund Balance End of Year	58 641 305	3 075 252	583 386	10 223 718	2 000	41 756 949
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS AND STATE SCHOOL OF TECHNOLOGY						
Additions	130 435 796	129 487 046	-	948 750	-	-
Deductions	120 013 699	120 013 699	-	-	-	-
Total Transfers In/(out)	-	-	-	-	-	-
Net Increase/(Decrease)	10 422 097	9 473 347	-	948 750	-	-
Fund Balance Beginning of Year	46 683 049	37 589 395	-	9 093 654	-	-
Fund Balance End of Year	57 105 146	47 062 742	-	10 042 404	-	-

APPENDIX A

GLOSSARY

ANNUITY AND LIFE INCOME FUNDS--Funds carrying a stipulation that the institution make payments to one or more specified beneficiaries.

ENDOWMENT FUNDS--Funds whose principal is nonexpendable and that are intended to be invested to provide earnings for institutional use (includes term endowment and quasi-endowment funds).

LOAN FUNDS--Funds that have been loaned, or are available for loans to students, faculty, and staff (excludes loans made to the institution).

PLANT FUNDS--Funds that include the amount of institutional monies invested in physical plant facilities, as well as funds that are designated for renewal or replacement of physical plant, debt service or retirement of indebtedness.

PRIVATE CONTROL--Institutions listed in the following categories: the private state-aided institutions, the private colleges and universities, the theological seminaries, the private junior colleges, the specialized associate degree-granting institutions, and the state school of technology.

PUBLIC CONTROL--Institutions listed in the following categories: the state universities, the state-related commonwealth universities, and the community colleges.

RESTRICTED CURRENT FUNDS--Funds that are given to the institution for a very specific aspect of the institution's current operations.

UNRESTRICTED CURRENT FUNDS--Funds that the institution's management may use for any purpose it deems necessary (includes unrestricted funds that are designated by the institution's governing board for a specific use).

APPENDIX B

NONRESPONDING INSTITUTIONS

Antioch University

Art Institute of Philadelphia

Combs College of Music

Curtis Institute of Music

Grove City College

Lancaster Bible College

Lancaster Theological Seminary

Lansdale School of Business-Lansdale

Lyons Technical Institute-Philadelphia

Lyons Technical Institute-Upper Darby

Moravian Theological Seminary

National Education Center-Thompson Institute Campus-Harrisburg

National School of Health Technology, Inc

New Kensington Commercial School

Northeast Institute of Education

Reformed Presbyterian Theological Seminary

Theological Seminary of the Reformed Episcopal Church

Welder Training and Testing Institute-Bridgeport

Basic Student Charges at Institutions of Higher Education

1986-87

Pennsylvania Department of Education

Basic Student Charges at Institutions of Higher Education

1986-87

Commonwealth of Pennsylvania
Robert P. Casey, Governor

Department of Education
Thomas K. Gilhool, Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

Division of Data Services
Roger G. Hummel, Chief
Compiled by: Gerald W. Hottinger, Educational Statistics Supervisor

September, 1987

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

The Pennsylvania Department of Education will not discriminate in its educational programs, activities, or employment practices, based on race, color, national origin, sex, age, religion, ancestry, handicap, union membership, or any other legally protected classification. Announcement of this policy is in accordance with state and federal laws, including Title IX of the Education Amendments of 1972, and Sections 503 and 504 of the Rehabilitation Act of 1973.

Employees and participants who have an inquiry or complaint of harassment or discrimination, or who need information about accommodations for handicapped persons, should contact Susan Mitchell, Affirmative Action Officer, Pennsylvania Department of Education, 333 Market Street, Harrisburg, PA 17126-0333 (717-787-1953).

HIGHLIGHTS

The 1986-87 basic student charges indicate that:

* average in-state undergraduate tuition and required fees ranged from $1,106 at the community colleges to $7,269 at the private state-aided institutions.

* average in-state undergraduate tuition and required fees as a percent of increase over 1985-86 ranged from 0.0 percent at the theological seminaries to 9.0 percent at the private state-aided institutions.

* average combined room and board charges ranged from $2,077 at the state universities to $3,452 at the private state-aided institutions.

* average combined room and board charges as a percent of increase over 1985-86 ranged from 3.8 percent at the private junior colleges to 10.6 percent at the private state-aided universities.

TABLE OF CONTENTS

INTRODUCTION.. 1

APPENDIX A NONRESPONDING INSTITUTIONS.............................. 20

TABLES

Table Page

1. Average In-State Undergraduate Tuition and Required Fees for Academic Years 1977-78 Through 1986-87 by Institutional Category 2
2. Average Combined Room and Board Charges for Academic Years 1977-78 Through 1986-87 by Institutional Category 4
3. Average Tuition and Required Fees for the 1986-87 Academic Year by Institutional Category by Program Level 7
4. Average Room and Board Charges for the 1986-87 Academic Year by Institutional Category 7
5. Undergraduate and Graduate Tuition and Required Fees at Institutions of Higher Education for the 1986-87 Academic Year 8
6. First-Professional Tuition and Required Fees by Field of Study for the 1986-87 Academic Year 14
7. Room and Board Charges at Institutions of Higher Education for the 1986-87 Academic Year 16

FIGURES

Figure Page

1. Average In-State Undergraduate Tuition and Required Fees by Institutional Category for Selected Years 3
2. Average Room and Board Charges by Institutional Category for Selected Years 5
3. Average In-State Undergraduate Basic Student Charges by Institutional Category for Selected Years 6

INTRODUCTION

"Basic Student Charges at Institutions of Higher Education, 1986-87" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (phone 717-787-2644).

Sources: Tuition and Required Fees Supplement, 1986-87 (PDE-2068, Community Colleges Only)

Tuition and Required Fees Supplement, 1986-87 (PDE-2069)

Institutional Characteristics and Tuition and Required Fees, 1986-87 (PDE-3072, Specialized Associate Degree-Granting Institutions and State School of Technology Only)

TABLE 1

AVERAGE IN-STATE UNDERGRADUATE TUITION AND REQUIRED FEES FOR ACADEMIC YEARS 1977-78 THROUGH 1986-87 BY INSTITUTIONAL CATEGORY 1/

Institutional Category	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
State Universities 2/	$ 965	$ 1 049	$ 1 052	$ 1 217	$ 1 381	$ 1 630	$ 1 645	$ 1 741	$ 1 790	$ 1 881
State-Related Commonwealth Universities 2/	1 312	1 441	1 552	1 760	1 935	2 201	2 368	2 523	2 711	2 924
Community Colleges	565	583	659	724	827	880	937	977	1 041	1 106
Private State-Aided Institutions	3 296	3 040	3 529	3 973	4 529	5 101	5 684	6 162	6 666	7 269
Private Colleges and Universities	2 687	2 926	3 211	3 563	4 022	4 517	4 967	5 403	5 907	6 416
Theological Seminaries	1 268	1 415	1 490	1 990	1 990	1 990	2 190	2 190	2 190	2 190
Private Junior Colleges	2 035	1 941	2 352	2 582	2 920	3 194	3 468	3 718	4 015	4 293

1/ Average tuitions were not calculated for the specialized associate degree-granting institutions or listed for the state school of technology because of the uniqueness of charges in relation to the length of programs.
2/ Averages were based on main campus tuition and required fees.

NOTE: (1) Tuition and required fees reported on a credit-hour or per course cost were not used in calculating average charges.
(2) Average community college charges are for in-state students residing in sponsoring areas only. Tuition for in-state students residing in nonsponsoring areas is approximately twice the listed tuition for in-state students.

For each of the past three academic years, average in-state undergraduate tuition and required fees increased by less than 10.0 percent for each institutional category. Specifically, the 1986-87 increase over 1985-86 at public institutions was: 5.1 percent at the state universities; 7.9 percent at the state-related commonwealth universities; and 6.2 percent at the community colleges. Likewise, the rate of increase at private institutions was: 9.0 percent at the private state-aided institutions; 8.6 percent at the private colleges and universities; 0.0 percent at the theological seminaries; and 6.9 percent at the private junior colleges.

It should be noted that apparent decreases for certain years were actually caused by the addition of institutions with lower than average tuitions, the removal of institutions that closed which had higher than average tuitions, or adjustments by institutions in their method of reporting.

FIGURE 1
AVERAGE IN-STATE UNDERGRADUATE TUITION AND REQUIRED FEES
BY INSTITUTIONAL CATEGORY FOR SELECTED YEARS

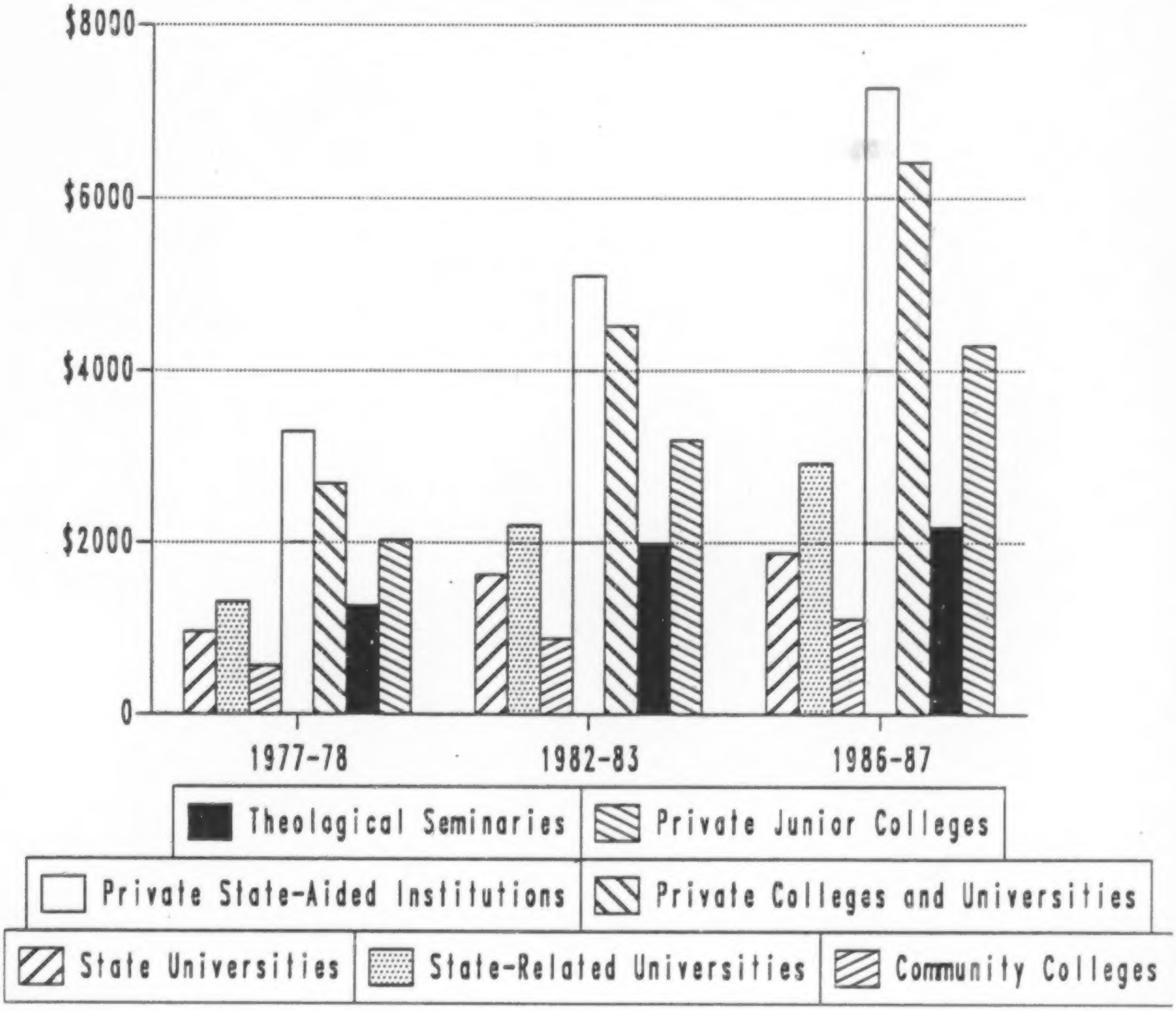


TABLE 2

AVERAGE COMBINED ROOM AND BOARD CHARGES FOR ACADEMIC YEARS 1977-78 THROUGH 1986-87 BY INSTITUTIONAL CATEGORY 1/

Institutional Category	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
State Universities 2/	$ 1 022	$ 1 080	$ 1 196	$ 1 303	$ 1 466	$ 1 640	$ 1 753	$ 1 834	$ 1 994	$ 2 077
State-Related Commonwealth Universities 2/	1 612	1 649	1 756	1 907	2 178	2 390	2 546	2 671	2 804	2 946
Private State-Aided Institutions	1 643	1 830	1 867	2 124	2 366	2 620	2 875	2 898	3 121	3 452
Private Colleges and Universities	1 441	1 539	1 648	1 831	2 049	2 266	2 454	2 621	2 814	3 019
Theological Seminaries	1 144	1 182	1 279	1 479	1 602	1 741	1 854	2 023	2 146	2 354
Private Junior Colleges	1 429	1 517	1 645	1 835	2 060	2 255	2 440	2 551	2 697	2 799

1/ Average room and board charges were not calculated for the specialized associate degree-granting institutions or listed for the state school of technology because of the uniqueness of charges in relation to the length of programs.

2/ Averages do not include charges for room and board at branch campuses.

The average combined room and board charges listed above include data for those institutions which reported charges for both room and board. As with in-state undergraduate tuition and required fees, average combined room and board charges increased by less than 10.0 percent for each of the past several years except at the private state-aided institutions for 1986-87. By institutional category, the 1986-87 increase compared to the 1985-86 increase was: 4.2 percent versus 8.7 percent at the state universities; 5.1 percent versus 5.0 percent at the state-related commonwealth universities; 10.6 percent versus 7.7 percent at the private state-aided institutions; 7.3 percent versus 7.4 percent at the private colleges and universities; 9.7 percent versus 6.1 percent at the theological seminaries; and 3.8 percent versus 5.7 percent at the private junior colleges.

As a note, the community colleges are not listed here since room and board charges are not applicable.

FIGURE 2
AVERAGE ROOM AND BOARD CHARGES
BY INSTITUTIONAL CATEGORY FOR SELECTED YEARS

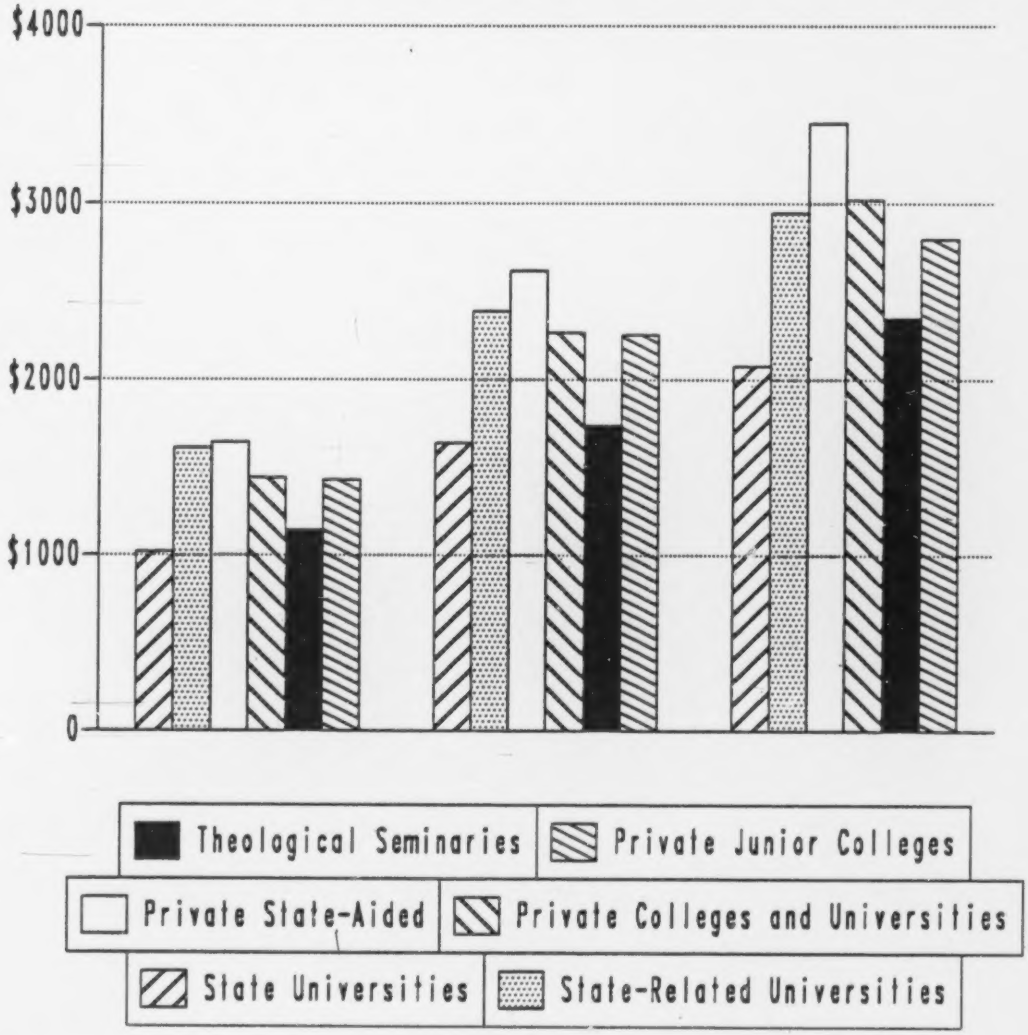


FIGURE 3
AVERAGE IN-STATE UNDERGRADUATE BASIC STUDENT CHARGES
BY INSTITUTIONAL CATEGORY FOR SELECTED YEARS

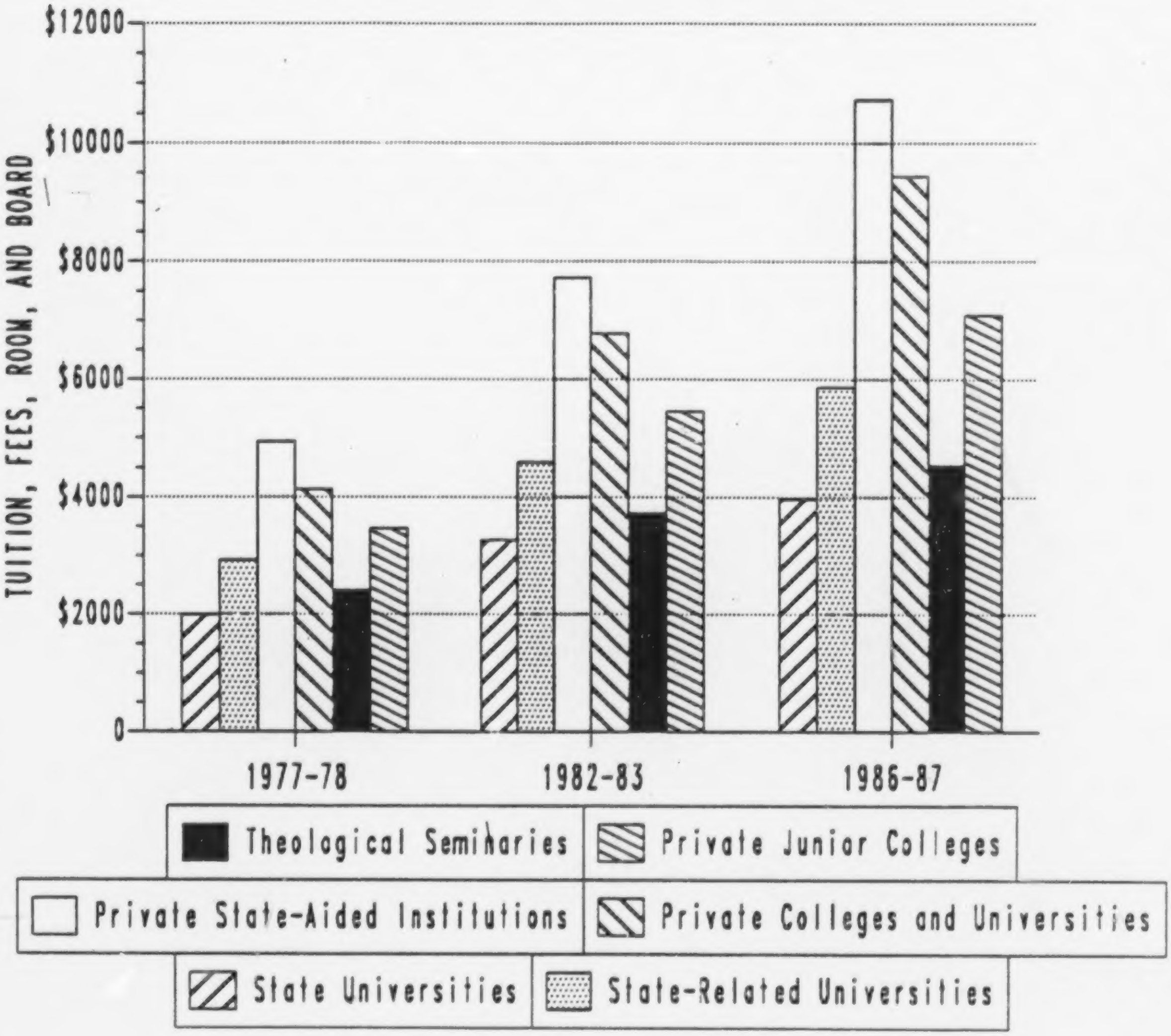


TABLE 3

AVERAGE TUITION AND REQUIRED FEES FOR THE 1986-87 ACADEMIC YEAR BY INSTITUTIONAL CATEGORY BY PROGRAM LEVEL 1/

Institutional Category	Undergraduate		First-Professional		Graduate	
	In-State	Out-of-State 2/	In-State	Out-of-State 2/	In-State	Out-of-State 2/
State Universities 3/	$ 1 881	$ 3 277	$ -	$ -	$ 1 817	$ 2 009
State-Related Commonwealth Universities 3/	2 924	5 329	9 159	13 950	3 314	5 665
Community Colleges	1 106	3 491	-	-	-	-
Private State-Aided Institutions	7 269	-	13 111	13 765	7 443	-
Private Colleges and Universities	6 416	-	5 163	-	5 120	-
Theological Seminaries	2 190	-	2 760	-	2 491	-
Private Junior Colleges	4 293	-	-	-	-	-

1/ Average tuitions were not calculated for the specialized associate degree-granting institutions or listed for the state school of technology because of the uniqueness of the charges in relation to the length of the programs.

2/ Tuition and required fees for out-of-state students were listed only when they differed from the charges for in-state students.

3/ Averages were based on main campus tuition and required fees except at the first-professional level where charges for the Milton S. Hershey Medical Center were included for the state-related commonwealth universities.

Note: (1) Tuition and required fees that were reported on a credit-hour or per course cost were not used in calculating the average charges.

(2) Average community college charges are for in-state students residing in sponsoring areas only. Tuition for in-state students residing in nonsponsoring areas is approximately twice the listed tuition for in-state students.

TABLE 4

AVERAGE ROOM AND BOARD CHARGES FOR THE 1986-87 ACADEMIC YEAR BY INSTITUTIONAL CATEGORY 1/

Institutional Category	Combined Room and Board	Room	Board
State Universities 2/	$ 2 077	$ 1 183	$ 894
State-Related Commonwealth Universities 2/	2 946	1 655	1 292
Community Colleges	-	-	-
Private State-Aided Institutions	3 452	2 007	1 605
Private Colleges and Universities	3 019	1 517	1 498
Theological Seminaries	2 354	886	1 482
Private Junior Colleges	2 799	1 402	1 425

1/ Average room and board charges were not calculated for the specialized associate degree-granting institutions or listed for the state school of technology because of the uniqueness of the charges in relation to the length of the programs.

2/ Averages do not include charges for room and board at branch campuses.

TABLE 5

UNDERGRADUATE AND GRADUATE TUITION AND REQUIRED FEES AT INSTITUTIONS OF HIGHER EDUCATION FOR THE 1986-87 ACADEMIC YEAR

	Undergraduate		Graduate	
	In-State	Out-of-State 1/	In-State	Out-of-State 1/
STATE UNIVERSITIES				
Bloomsburg University	$ 1 824	$ 3 220	$ 1 734	$ 1 926
California University	1 970	3 366	1 970	2 162
Cheyney University	1 880	3 276	1 860	2 052
Clarion University	1 882	3 278	1 831	2 023
East Stroudsburg University	1 870	3 266	1 810	2 002
Edinboro University	1 950	3 346	1 938	2 130
Indiana University - Main Campus	1 904	3 300	1 828	2 020
Armstrong Campus	1 892	3 288	-	-
Punxsutawney Campus	1 832	3 228	-	-
Kutztown University	1 848	3 244	1 728	1 920
Lock Haven University	1 845	3 241	-	-
Mansfield University	1 905	3 301	1 780	1 972
Millersville University	1 806	3 202	1 700	1 892
Shippensburg University	1 916	3 312	1 810	2 002
Slippery Rock University	1 922	3 318	1 891	2 083
West Chester University	1 811	3 207	1 735	1 927
STATE-RELATED COMMONWEALTH UNIVERSITIES				
Lincoln University	$ 2 130	$ 3 130	$ 2 500	$ 4 000
Pennsylvania State University - Main Campus	2 996	6 018	3 194	6 384
Allentown Campus	2 780	6 018	-	-
Altoona Campus	2 780	6 018	-	-
Beaver Campus	2 780	6 018	-	-
Behrend College	2 996	6 018	3 194	6 384
Berks Campus	2 780	6 018	-	-
Capital College	2 996	6 018	3 194	6 384
Delaware Campus	2 780	6 018	-	-
DuBois Campus	2 780	6 018	-	-
Fayette Campus	2 780	6 018	-	-
Hazleton Campus	2 780	6 018	-	-
Hershey Medical Center	-	-	3 194	6 384
King of Prussia Center for Graduate Studies	-	-	154/cr	266/cr
McKeesport Campus	2 780	6 018	-	-
Mont Alto Campus	2 780	6 018	-	-
New Kensington Campus	2 780	6 018	-	-
Ogontz Campus	2 780	6 018	-	-
Schuylkill Campus	2 780	6 018	-	-
Shenango Valley Campus	2 780	6 018	-	-
Wilkes-Barre Campus	2 780	6 018	-	-
Worthington-Scranton Campus	2 780	6 018	-	-
York Campus	2 780	6 018	-	-
Temple University	3 350 2/	5 846 2/	3 698	4 634
University of Pittsburgh - Main Campus 2/	3 220	6 320	3 862	7 642
Bradford Campus 2/	3 220	6 320	-	-
Greensburg Campus	3 130	6 230	-	-
Johnstown Campus 2/	3 180	6 280	-	-
Titusville Campus	3 110	6 060	-	-

TABLE 5

UNDERGRADUATE AND GRADUATE TUITION AND REQUIRED FEES AT INSTITUTIONS OF HIGHER EDUCATION FOR THE 1986-87 ACADEMIC YEAR-Continued

	Undergraduate		Graduate	
	In-State	Out-of-State 1/	In-State	Out-of-State 1/
COMMUNITY COLLEGES 3/				
Bucks County Community College	$ 1 144	$ 3 944	$ -	$ -
Butler County Community College	1 074	3 522	-	-
Community College of Allegheny County	1 108	3 482	-	-
Community College of Beaver County	1 130	3 830	-	-
Community College of Philadelphia	1 066	3 130	-	-
Delaware County Community College	894	2 862	-	-
Harrisburg Area Community College	925	2 825	-	-
Lehigh County Community College	1 185	3 885	-	-
Luzerne County Community College	1 170	3 330	-	-
Montgomery County Community College	1 074	3 314	-	-
Northampton County Community College	1 032	3 240	-	-
Reading Area Community College	1 200	3 540	-	-
Westmoreland County Community College	844	2 596	-	-
Williamsport Area Community College	1 636	5 374	-	-
PRIVATE STATE-AIDED INSTITUTIONS				
Delaware Valley College of Science and Agriculture	5 915	-	-	-
Drexel University	7 221	-	6 309 2/	-
Hahnemann University	5 462	-	6 522	-
Medical College of Pennsylvania	-	-	5 360	-
Philadelphia College of Art	7 600	-	7 600	-
Philadelphia College of Textiles and Science	5 900	-	198/sem cr	-
Philadelphia College of the Performing Arts	7 050 2/	-	7 600	-
Thomas Jefferson University	7 800 4/	-	6 850	-
University of Pennsylvania	11 200	-	11 860 2/	-
PRIVATE COLLEGES AND UNIVERSITIES				
Academy of the New Church	2 247	-	-	-
Albright College	8 345	-	-	-
Allegheny College	8 655	-	8 133	-
Allentown College of St. Francis de Sales	5 344	-	179/cr hr	-
Alliance College	4 320	-	-	-
Alvernia College	3 750	-	-	-
American College 5/	150/course	-	250/3 cr	-
Antioch University	3 950	-	4 750	-
Baptist Bible College and School of Theology	4 365	-	3 260	-
Beaver College	7 200	-	157/sem hr 6/	-
Bryn Mawr College	10 565	-	9 545 2/	-
Bucknell University	10 755	-	7 500	-
Cabrini College	5 330	-	140/cr	-
Carlow College	6 790	-	214/cr	-
Carnegie-Mellon University	10 310	-	10 623 2/	-
Cedar Crest College	7 610	-	-	-
Chatham College	7 464	-	-	-
Chestnut Hill College	5 050	-	140/cr	-
College Misericordia	4 918 7/	-	3 816 2/	-
Combs College of Music	5 225	-	3 370	-
Curtis Institute of Music 8/	100	-	100	-

TABLE 5

UNDERGRADUATE AND GRADUATE TUITION AND REQUIRED FEES AT INSTITUTIONS OF HIGHER EDUCATION FOR THE 1986-87 ACADEMIC YEAR-Continued

	Undergraduate		Graduate	
	In-State	Out-of-State 1/	In-State	Out-of-State 1/
PRIVATE COLLEGES AND UNIVERSITIES--Continued				
Dickinson College	$10 285	$ -	$ -	$ -
Dickinson School of Law	-	-	5 925	-
Dropsie College	-	-	1 000 5/	-
Duquesne University	6 270	-	3 960	-
Eastern College	6 470	-	4 560	-
Elizabethtown College	7 325	-	-	-
Franklin and Marshall College	10 200	-	-	-
Gannon University	5 150	-	3 150	-
Geneva College	5 356	-	-	-
Gettysburg College	9 425	-	-	-
Gratz College	1 050	-	1 300	-
Grove City College	3 470 2/	-	-	-
Gwynedd-Mercy College	4 900 9/	-	210/cr	-
Haverford College	10 950	-	-	-
Holy Family College	4 400	-	-	-
Immaculata College	4 522	-	140/cr	-
Juniata College	8 050	-	-	-
King's College	5 680	-	-	-
Lafayette College	9 950	-	-	-
Lancaster Bible College	4 630	-	-	-
LaRoche College	4 760	-	180/cr	-
LaSalle University	6 150	-	4 608	-
Lebanon Valley College	7 450	-	-	-
Lehigh University	10 500	-	10 500	-
Lycoming College	7 380	-	-	-
Marywood College	4 680	-	2 610 10/	-
Mercyhurst College	5 995	-	4 698	-
Messiah College	5 730	-	-	-
Moore College of Art	7 070	-	-	-
Moravian College	8 155	-	-	-
Moravian Theological Seminary	-	-	170/cr hr	-
Muhlenberg College	9 000	-	-	-
Neumann College	4 950 11/	-	184/cr hr	-
Philadelphia College of Bible	4 467	-	-	-
Philadelphia College of Pharmacy and Science	6 250	-	6 200	-
Point Park College	5 462	-	3 015 2/	-
Reconstructionist Rabbinical College	-	-	4 000	-
Robert Morris College	3 480	-	134/cr 2/	-
Rosemont College	6 360	-	-	-
Saint Francis College	6 000	-	4 420	-
Saint Joseph's University	6 073 2/	-	187/cr 2/	-
Saint Vincent College	5 940	-	-	-
Saint Vincent Seminary	-	-	4 080	-
Seton Hill College	6 150	-	-	-
Spring Garden College	5 540	-	-	-
Susquehanna University	7 800	-	-	-
Swarthmore College	11 350	-	11 200	-
Thiel College	6 602	-	-	-
United Wesleyan College	4 470	-	-	-
University of Scranton	5 600	-	4 110	-
Ursinus College	7 375	-	-	-
Valley Forge Christian College	2 480	-	-	-

TABLE 5

UNDERGRADUATE AND GRADUATE TUITION AND REQUIRED FEES AT INSTITUTIONS OF HIGHER EDUCATION FOR THE 1986-87 ACADEMIC YEAR-Continued

	Undergraduate		Graduate	
	In-State	Out-of-State 1/	In-State	Out-of-State 1/
PRIVATE COLLEGES AND UNIVERSITIES--Concluded				
Villa Maria College	$ 5 300	$ -	$ -	$ -
Villanova University	7 340 2/	-	3 836 2/	-
Washington and Jefferson College	8 220	-	-	-
Waynesburg College	5 790	-	4 080	-
Westminster College	6 480	-	5 200	-
Widener University	7 200	-	4 710	-
Wilkes College	6 410	-	4 272	-
Wilson College	7 510	-	-	-
York College of Pennsylvania	3 444	-	2 180	-
THEOLOGICAL SEMINARIES				
Biblical Theological Seminary	-	-	1 935	-
Calvary Baptist Theological Seminary	-	-	1 840	-
Christ the Saviour Seminary	1 365 12/	-	-	-
Eastern Baptist Theological Seminary	-	-	2 100 2/	-
Evangelical School of Theology	-	-	2 875	-
Faith Theological Seminary	-	-	3 000 13/	-
Lancaster Theological Seminary	-	-	3 146	-
Lutheran Theological Seminary - Gettysburg	-	-	2 034	-
Lutheran Theological Seminary - Philadelphia	-	-	1 600	-
Mary Immaculate Seminary	-	-	2 755	-
Pittsburgh Theological Seminary	-	-	3 984	-
Saint Charles Borromeo Seminary	3 015	-	1 260	-
Westminster Theological Seminary	-	-	3 360 2/	-
PRIVATE JUNIOR COLLEGES				
Harcum Junior College	4 400	-	-	-
Keystone Junior College	4 970	-	-	-
Lackawanna Junior College	2 970	-	-	-
Manor Junior College	4 090 2/	-	-	-
Mount Aloysius Junior College	4 980	-	-	-
Northeastern Christian Junior College	3 560	-	-	-
Peirce Junior College	4 280	-	-	-
Pinebrook Junior College	3 955	-	-	-
Valley Forge Military Junior College	5 430	-	-	-
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS				
Altoona School of Commerce	2 235	-	-	-
Antonelli Institute of Art and Photography - Plymouth Meeting	4 943 2/	-	-	-
Antonelli Institute of Art and Photography - York	4 540	-	-	-
Art Institute of Philadelphia	5 555	-	-	-
Art Institute of Pittsburgh	5 010 2/	-	-	-
Berean Institute	2 400	-	-	-
Cambria-Rowe Business College	3 025 2/	-	-	-
Center for Degree Studies	1 411 2/	-	-	-
Central Pennsylvania Business School	2 882	-	-	-
Centre Business School, Inc	3 900	-	-	-
CHI Institute	4 275	-	-	-
Churchman Business School	2 495	-	-	-

TABLE 5

UNDERGRADUATE AND GRADUATE TUITION AND REQUIRED FEES AT INSTITUTIONS OF HIGHER EDUCATION FOR THE 1986-87 ACADEMIC YEAR-Continued

	Undergraduate		Graduate	
	In-State	Out-of-State 1/	In-State	Out-of-State 1/
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS--Continued				
Clarissa School	$ 3 535	$ -	$ -	$ -
Computer Systems Institute, Inc - Meadville	4 200	-	-	-
Computer Systems Institute, Inc - Pittsburgh	4 200	-	-	-
Dean Institute of Technology	4 320	-	-	-
Douglas School of Business	1 600	-	-	-
DuBois Business College	3 375	-	-	-
Duff's Business Institute	4 230	-	-	-
Electronic Institutes, Inc - Middletown	3 200	-	-	-
Electronic Institutes, Inc - Pittsburgh	3 200	-	-	-
Erie Business Center	3 470	-	-	-
Erie Institute of Technology	3 600	-	-	-
Harmarville Training Institute 14/	4 800	-	-	-
Hiram G. Andrews Center	5 250 2/	-	-	-
Hussian School of Art, Inc	4 000	-	-	-
ICM School of Business	4 157 2/	-	-	-
Johnson Technical Institute	2 465	-	-	-
Keystone Secretarial and Business Administration School	2 600	-	-	-
Lansdale School of Business - Lansdale	3 640	-	-	-
Lincoln Technical Institute - Allentown	4 311 2/	-	-	-
Lincoln Technical Institute - Philadelphia	4 828	-	-	-
Lyons Technical Institute - Philadelphia	3 815	-	-	-
McCann School of Business, Inc	2 565	-	-	-
McCarrie Schools, Inc	3 734 2/	-	-	-
Median School of Allied Health Careers	5 800	-	-	-
Monroeville School of Business	3 600	-	-	-
National Education Center - Allentown Business School Campus	3 480	-	-	-
National Education Center - Thompson Institute Campus - Philadelphia	3 600	-	-	-
National Education Center - Vale Technical Institute Campus	4 176	-	-	-
National School of Health Technology, Inc	3 115	-	-	-
New Castle School of Trades, Inc	4 482	-	-	-
New Kensington Commercial School	2 800	-	-	-
Palmer School, Inc - Harrisburg	3 848 2/	-	-	-
Palmer School, Inc - Philadelphia	3 600	-	-	-
Penn Commercial, Inc	3 144 2/	-	-	-
Penn Technical Institute	3 960	-	-	-
Pennco Tech	4 356 2/	-	-	-
Pennsylvania Institute of Technology	4 593	-	-	-
Philadelphia School of Office Technologies	3 789	-	-	-
Philadelphia School of Office Technologies-Northeast	3 789	-	-	-
Philadelphia School of Printing and Advertising	5 578 2/	-	-	-
Pittsburgh Beauty Academy	2 880	-	-	-
Pittsburgh Institute of Aeronautics	3 435 2/	-	-	-

TABLE 5

UNDERGRADUATE AND GRADUATE TUITION AND REQUIRED FEES AT INSTITUTIONS OF HIGHER EDUCATION FOR THE 1986-87 ACADEMIC YEAR-Concluded

	Undergraduate		Graduate	
	In-State	Out-of-State 1/	In-State	Out-of-State 1/
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS--Concluded				
Pittsburgh Institute of Mortuary Science	$ 2 800	$ -	$ -	$ -
Pittsburgh Technical Institute	4 750	-	-	-
PTC Career Institute	3 600	-	-	-
Restaurant School, The	3 700	-	-	-
Schuylkill Business Institute	2 490	-	-	-
Shenango Valley School of Business - New Castle	2 700	-	-	-
Shenango Valley School of Business - Sharon	2 700	-	-	-
South Hills Business School	3 600	-	-	-
Tracey Warner School, Inc	3 600	-	-	-
Triangle Institute of Technology	4 367 2/	-	-	-
Triangle Institute of Technology - DuBois	4 344 2/	-	-	-
Triangle Institute of Technology - Erie	4 367 2/	-	-	-
Triangle Institute of Technology - Greensburg	4 304 2/	-	-	-
Triangle Institute of Technology - Uniontown	4 494	-	-	-
Welder Training and Testing Institute - Allentown	3 615	-	-	-
Welder Training and Testing Institute - Philadelphia	3 615	-	-	-
Welder Training and Testing Institute - Selingsgrove	3 615	-	-	-
Welder Training and Testing Institute - Wilkes-Barre	3 615	-	-	-
Williamson Free School of Mechanical Trades	-	-	-	-
Williamsport School of Commerce	3 025	-	-	-
STATE SCHOOL OF TECHNOLOGY				
Thaddeus Stevens State School of Technology	2 870	-	-	-

1/ Tuition and required fees for out-of-state students were listed only when they differed from the charges for in-state students.

2/ Average costs for most programs; fees vary with programs.

3/ Average community college charges are for in-state students residing in sponsoring areas only. Tuition for in-state students residing in nonsponsoring areas is approximately twice the listed tuition for in-state students.

4/ Applies to baccalaureate programs only.

5/ The student body consists entirely of part-time students. Not included in average.

6/ Tuition and required fees for the Physical Therapy program are $7,700.

7/ Tuition and required fees for the Nursing and Music programs are $5,354.

8/ Not included in average.

9/ Tuition and required fees are $5,100 for the Allied Health program and $5,300 for the Nursing program.

10/ Tuition and required fees for the Graduate School of Social Work are $4,850.

11/ Tuition and required fees for the Nursing program and Medical Technology are $5,540.

12/ Charges are for non-Diocesan residents. Tuition and required fees for Diocesan residents are $865.

13/ Tuition and required fees for the Master of Sacred Theology program are $1,500.

14/ Formerly Orthotics Technician Training Institute.

TABLE 6

FIRST-PROFESSIONAL TUITION AND REQUIRED FEES BY FIELD OF STUDY FOR THE 1986-87 ACADEMIC YEAR

	First-Professional	
	In-State	Out-of-State 1/
CHIROPRACTIC		
Pennsylvania College of Straight Chiropractic	$ 5 534	$ -
DENTISTRY		
Temple University	9 242	14 888
University of Pittsburgh	10 982	16 532
University of Pennsylvania 2/		
First Year	17 684	-
Other Years	17 154	-
LAW		
Temple University	4 286	8 086
University of Pittsburgh	5 462	9 332
University of Pennsylvania	12 044	-
Dickinson School of Law	5 925	-
Duquesne University		
Day 3/	5 889	-
Evening	4 503	-
Villanova University	7 780	-
MEDICINE		
The Pennsylvania State University	9 454	14 768
Temple University	11 342	15 384
University of Pittsburgh 2/		
First Year	13 782	19 242
Second Year	13 782	19 242
Third Year	13 162	18 362
Fourth Year	12 642	17 802
Hahnemann University	16 180	-
Medical College of Pennsylvania	13 590	-
Thomas Jefferson University	14 530	-
University of Pennsylvania	14 630	-
OPTOMETRY		
Pennsylvania College of Optometry	7 472	11 872 4/
OSTEOPATHY		
Philadelphia College of Osteopathic Medicine	12 585	12 910
PHARMACY		
Duquesne University	5 720	-
Philadelphia College of Pharmacy and Science	6 200	-
PODIATRY		
Pennsylvania College of Podiatric Medicine	11 358	11 658

TABLE 6

FIRST-PROFESSIONAL TUITION AND REQUIRED FEES BY FIELD OF STUDY FOR THE 1986-87 ACADEMIC YEAR--Concluded

	First-Professional	
	In-State	Out-of-State 1/
THEOLOGY		
Academy of the New Church	$ 2 247	$ -
Baptist Bible College and School of Theology	4 260	-
Moravian College (Moravian Theological Seminary)	4 140	-
Reconstructionist Rabbinical College	4 000	-
Saint Vincent College (Saint Vincent Seminary)	5 100	-
Biblical Theological Seminary	2 520	-
Calvary Baptist Theological Seminary	1 840	-
Eastern Baptist Theological Seminary	4 020	-
Evangelical School of Theology	3 535	-
Faith Theological Seminary	1 500	-
Lancaster Theological Seminary	3 751	-
Lutheran Theological Seminary--Gettysburg	2 034	-
Lutheran Theological Seminary--Philadelphia	2 240	-
Mary Immaculate Seminary	2 755	-
Pittsburgh Theological Seminary	3 984	-
Reformed Presbyterian Theological Seminary	1 740	-
Saint Charles Borromeo Seminary	3 015	-
Theological Seminary of the Reformed Episcopal Church	2 145	-
Trinity Episcopal School for Ministry	2 532	-
Westminster Theological Seminary	3 795	-
VETERINARY MEDICINE		
University of Pennsylvania	11 434 5/	12 950

1/ Tuition and required fees for out-of-state students were listed only when they differed from the charges for in-state students.

2/ Weighted average used in calculating the average on Table 3.

3/ Day school tuition used in calculating the average on Table 3.

4/ Possible reduction of $4,000-4,700 in tuition for students from contract states.

5/ Tuition and required fees for contract states and in-state students.

TABLE 7

ROOM AND BOARD CHARGES AT INSTITUTIONS OF HIGHER EDUCATION FOR THE 1986-87 ACADEMIC YEAR

	Combined Room and Board	Room 1/	Board 2/
STATE UNIVERSITIES			
Bloomsburg University	$1 922	$1 112	$ 810
California University	1 950	1 100	850
Cheyney University	2 350	1 250	1 100
Clarion University	2 080	1 160	920
East Stroudsburg University	2 037	1 260	777
Edinboro University	2 060	1 140	920
Indiana University - Main Campus	2 214	1 164	1 050
Armstrong Campus	2 150	1 100	1 050
Punxsutawney Campus	2 150	1 100	1 050
Kutztown University	1 950	1 220	730
Lock Haven University	1 864	1 000	864
Mansfield University	2 186	1 256	930
Millersville University	2 280	1 270	1 010
Shippensburg University	1 990	1 100	890
Slippery Rock University	2 032	1 170	862
West Chester University	2 168	1 360	808
STATE RELATED COMMONWEALTH UNIVERSITIES			
Lincoln University	2 400	1 250	1 150
Pennsylvania State University - Main	2 960	1 260	1 700
Altoona Campus	2 960	1 260	1 700
Beaver Campus	2 960	1 260	1 700
Behrend College	2 960	1 260	1 700
Capital College	2 960	1 260	1 700
Hazleton Campus	2 960	1 260	1 700
McKeesport Campus	2 960	1 260	1 700
Mont Alto Campus	2 960	1 260	1 700
Temple University	3 494	2 350	1 144
University of Pittsburgh - Main Campus	2 930	1 758	1 172
Bradford Campus	2 870	1 460	1 410
Greensburg Campus	-	1 440	- 3/
Johnstown Campus	2 676	1 532	1 144
Titusville Campus	3 090	1 590	1 500
PRIVATE STATE-AIDED INSTITUTIONS			
Delaware Valley College of Science and Agriculture	2 800	1 250	1 550
Drexel University	3 579	2 178	1 401 4/
Pennsylvania College of Optometry	-	1 237	-
Pennsylvania College of Podiatric Medicine	-	2 630	-
Philadelphia College of Art	-	2 400	-
Philadelphia College of Textiles and Science	3 150	1 450	1 700
Philadelphia College of the Performing Arts	-	2 400	-
University of Pennsylvania	4 278	2 508	1 770 4/

TABLE 7

ROOM AND BOARD CHARGES AT INSTITUTIONS OF HIGHER EDUCATION FOR THE 1986-87 ACADEMIC YEAR-Continued

	Combined Room and Board	Room 1/	Board 2/
PRIVATE COLLEGES AND UNIVERSITIES			
Academy of the New Church	$2 193	$ 741	$1 452
Albright College	2 755	1 505	1 250
Allegheny College	2 730	1 350	1 380
Allentown College of St. Francis de Sales	3 080	1 530	1 550
Alliance College	2 350	825	1 525
Alvernia College	2 770	1 108	1 662
Baptist Bible College and School of Theology	2 319	925	1 394
Beaver College	3 200	1 600	1 600
Bryn Mawr College	4 425	2 635	1 790
Bucknell University	3 010	1 610	1 400
Cabrini College	3 800	2 700	1 100
Carlow College	3 720	2 116	1 604
Carnegie-Mellon University	3 673	2 170	1 503
Cedar Crest College	3 360	1 710	1 650
Chatham College	3 586	1 793	1 793
Chestnut Hill College	2 870	1 148	1 722
College Misericordia	2 850	1 480	1 370
Combs College of Music	3 650	2 250	1 400
Dickinson College	3 150	1 610	1 540
Dickinson School of Law	-	1 250	-
Duquesne University	3 048	1 646	1 402
Eastern College	2 430	1 000	1 430
Elizabethtown College	3 050	1 500	1 550
Franklin and Marshall College	3 280	1 705	1 575
Gannon University	2 430	1 260	1 170
Geneva College	2 650	1 250	1 400
Gettysburg College	2 925	1 450	1 475
Grove City College	1 900	660	1 240
Gwynedd-Mercy College	2 750	1 350	1 400
Haverford College	4 000	2 100	1 900
Immaculata College	3 170	1 600	1 570
Juniata College	2 750	1 300	1 450
King's College	2 960	1 390	1 570
Lafayette College	3 525	1 800	1 725
Lancaster Bible College	2 350	970	1 380
LaRoche College	2 750	1 600	1 150
LaSalle University	3 470	1 850	1 620
Lebanon Valley College	3 000	1 300	1 700
Lehigh University	3 680	2 100	1 580
Lycoming College	2 900	1 450	1 450
Marywood College	2 600	1 130	1 470
Mercyhurst College	2 340	1 090	1 250
Messiah College	2 820	1 350	1 470
Moore College of Art	3 650	2 050	1 600
Moravian College	2 780	1 375	1 405
Moravian Theological Seminary	3 040	1 520	1 520
Muhlenberg College	2 700	1 300	1 400

TABLE 7

ROOM AND BOARD CHARGES AT INSTITUTIONS OF HIGHER EDUCATION FOR THE 1986-87 ACADEMIC YEAR-Continued

	Combined Room and Board	Room 1/	Board 2/
PRIVATE COLLEGES AND UNIVERSITIES--Concluded			
Philadelphia College of Bible	$2 650	$1 200	$1 450
Philadelphia College of Pharmacy and Science	3 240	1 850	1 390
Point Park College	3 270	1 350	1 920
Robert Morris College	2 400	1 200	1 200
Rosemont College	3 960	3 050	910
Saint Francis College	3 030	1 440	1 590
Saint Joseph's University	3 700	2 300	1 400
Saint Vincent College	2 750	1 250	1 500
Saint Vincent Seminary	2 820	1 320	1 500
Seton Hill College	2 850	1 140	1 710
Spring Garden College	3 650	2 250	1 400
Susquehanna University	3 000	1 490	1 510
Swarthmore College	4 300	2 150	2 150
Thiel College	3 152	1 646	1 506
United Wesleyan College	2 360	990	1 370
University of Scranton	2 910	1 540	1 370
Ursinus College	3 300	1 320	1 980
Valley Forge Christian College	2 366	968	1 398
Villa Maria College	2 800	1 120	1 680
Villanova University	4 090	1 840	2 250
Washington and Jefferson College	2 590	1 260	1 330
Waynesburg College	2 530	1 240	1 290
Westminster College	2 450	1 020	1 430
Widener University	3 250	1 640	1 610
Wilkes College	3 010	1 750	1 260
Wilson College	3 290	1 685	1 605
York College of Pennsylvania	2 240	1 110	1 130
THEOLOGICAL SEMINARIES			
Christ the Saviour Seminary	1 200	500	700
Eastern Baptist Theological Seminary	-	1 050	-
Evangelical School of Theology	-	500	-
Faith Theological Seminary	-	300	-
Lancaster Theological Seminary	2 780	1 473	1 307
Lutheran Theological Seminary - Gettysburg	1 760	635	1 125 5/
Lutheran Theological Seminary - Philadelphia	2 500	700	1 800
Mary Immaculate Seminary	2 700	810	1 890
Pittsburgh Theological Seminary	-	825	-
Reformed Presbyterian Theological Seminary	-	675	264 6/
Saint Charles Borromeo Seminary	3 000	1 000	2 000
Theological Seminary of the Reformed Episcopal Church	-	1 800	-
Westminster Theological Seminary	2 540	1 250	1 290 5/

TABLE 7

ROOM AND BOARD CHARGES AT INSTITUTIONS OF HIGHER EDUCATION FOR THE 1986-87 ACADEMIC YEAR-Concluded

	Combined Room and Board	Room 1/	Board 2/
PRIVATE JUNIOR COLLEGES			
Harcum Junior College	$3 000	$1 500	$1 500
Keystone Junior College	3 000	1 500	1 500
Manor Junior College	2 566	1 400	1 166 4/
Mount Aloysius Junior College	2 620	1 180	1 440
Northeastern Christian Junior College	2 624	1 152	1 472
Peirce Junior College	-	1 600	-
Pinebrook Junior College	2 630	1 180	1 450
Valley Forge Military Junior College	3 150	1 700	1 450
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS			
Art Institute of Philadelphia	4 230	2 850	1 380
Art Institute of Pittsburgh	3 510	1 895	1 615
Central Pennsylvania Business School	-	1 590	-
Erie Business Center	2 580	1 480	1 100 4/
Hiram G. Andrews Center	6 552 7/	-	-
McCann School of Business	-	900	-
National Education Center - Vale Technical Institute Campus	-	960	-
STATE SCHOOL OF TECHNOLOGY			
Thaddeus Stevens State School of Technology	2 355	885	1 470

1/ Room charge is based on double occupancy.
2/ Board charge is for seven days unless otherwise noted.
3/ Meals available on a pay-as-you-go basis only.
4/ Board charge is for five days per week.
5/ Board charge is for six days per week.
6/ Board charge is for noon meals four days per week.
7/ Average inclusive charge for room, board, and personal care.

APPENDIX A

NONRESPONDING INSTITUTIONS

American Institute of Drafting, Inc.
Lansdale School of Business - Pottstown
Lyons Technical Institute - Upper Darby
National Education Center - Thompson Institute
Campus - Harrisburg
Northeast Institute of Education
Yorktowne Business Institute